



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>)
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Report No. SES-01596

Wednesday November 13, 2013

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-20130920-00833 E E080100 Row 44 Inc.

Amendment

Class of Station: Other

Nature of Service: Fixed Satellite Service, Mobile Satellite Service

See IBFS File No. SES-MOD-20121023-00963 for a description of the application, as amended.

SITE ID: Remotes-1

LOCATION: Operate up to 1000 (.6 m terminals) CONUS + TERRITORIAL & INTERNNATIONAL WAT

ANTENNA ID:	A	0.6 meters	AeroSat Avionics	70-100-0000-01
	14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK or octal PSK
	11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK or octal PSK

SITE ID: Remotes-2

LOCATION: Operate up to 1000 (.62 m terminals)

ANTENNA ID:	B	0.62 meters	TECOM	Ku-Stream
	14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK or octal PSK
	14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK or octal PSK
	11700.0000 - 12200.0000 MHz	36M0G7D		QPSK or octal PSK

11450.0000 - 12200.0000 MHz	36M0G7D		QPSK or octal PSK
12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- Remotes-1 - AMC 2 - (100.95 W.L)
- Remotes-1 - AMC 9 - (83 W.L.)
- Remotes-1 - HORIZONS 1 - (127 WL)
- Remotes-1 - SES-1 - (101.0 W.L.)
- Remotes-2 - AMC 2 - (100.95 W.L)
- Remotes-2 - AMC 9 - (83 W.L.)
- Remotes-2 - ESTRELA DO SUL 2 - (63 W.L.)
- Remotes-2 - HORIZONS 1 - (127 WL)
- Remotes-2 - INTELSAT 19 (S2850) - (166.0 E.L.)
- Remotes-2 - SATMEX-8 - (116.8 W.L.)
- Remotes-2 - SES-1 - (101.0 W.L.)
- Remotes-2 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-AMD-20130909-00784 E WB36 Astrium Services Government, Inc.

Amendment

Class of Station: Other

Nature of Service: Other

Astrium Services Government, Inc. amends its pending application, IBFS File No. SES-MFS-20130612-00485, to correct EIRP and EIRP density values and to submit a frequency coordination report.

SITE ID: SBY332KU

LOCATION: 2120 River Road (9.M.)SBY332KU, New Haven, Southbury, CT

41 ° 27 ' 5.10 " N LAT.

73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: SBY332KU	9 meters	VERTEX	9 KPK
14000.0000 - 14500.0000 MHz	72M0G7W	88.70 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.60 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	1M60G1F	72.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO

14000.0000 - 14500.0000 MHz	200KG1F	63.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	36M0F8W	80.10 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	9K00G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO

SITE ID: 21LBAND

LOCATION: 2120 RIVER ROAD (12.8M)21LBAND, NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 5.10 " N LAT.

73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	21LBAND	12.8 meters	PHILCO FORD	12.8M
1626.5000 - 1660.5000 MHz	NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)	
1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED	
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM	
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW	TEST BPSK, DATA/TDM	
1626.5000 - 1660.5000 MHz	2K40G1D-	36.00 dBW	TEST BPSK, DATA	
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW	TEST BPSK, DATA	
1626.5000 - 1660.5000 MHz	5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX	
1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX	
1626.5000 - 1660.5000 MHz	5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY	
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY	
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY	
1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA	
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP	

1525.0000 - 1559.0000 MHz	NON	UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	34K0F3E	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W	TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F	TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP

SITE ID: 23ACTTC
LOCATION: 2120 RIVER ROAD (10.4M)23ACTTC, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 23ACTTC 10.4 meters PHILCO FORD 104.M

5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
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SITE ID: 23BLBAND
LOCATION: 2120 RIVER ROAD (1.8M)23BLBAND, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 23BLBAND 1.8 meters TRUE FOCUS 1.8M

1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT

1525.0000 - 1559.0000 MHz	34K0F3E	TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W	TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F	TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP

SITE ID: SBY301KU
LOCATION: 2120 RIVER ROAD (9.M)SBY301KU, NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	SBY301KU	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY	
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO	
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO	
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO	

14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13778.0000 - 14000.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 13772.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13772.0000 MHz	21M0G7W	83.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13772.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA

11450.0000 - 11700.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W	ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W	QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	417KG7W	DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	7M50G7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	417KG7W	DIGITAL VIDEO, AUDIO, AND DATA
10950.0000 - 11200.0000 MHz	64K0G7W	DIGITAL VIDEO, AUDIO, AND DATA

10950.0000 - 11200.0000 MHz	7M50G7W	DIGITAL VIDEO, AUDIO, AND DATA
10700.0000 - 12750.0000 MHz	36M0G7W	QPSK, DIGITAL TELEPHONY

SITE ID: 21CNORM
LOCATION: 2120 RIVER ROAD (12.8M)21CNORM, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.30 " N LAT. 73 ° 17 ' 19.40 " W LONG.

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

6424.0000 - 6454.0000 MHz	2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY

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

SITE ID: 23ACNOR
 LOCATION: 2120 RIVER ROAD (10.4)23ACNOR, SOUTHBURY, NEW HAVEN, CT
 41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	23ACNOR	10.4 meters	PHILCO FORD	10.4M
6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)	
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA	

6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	48.60 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	48.60 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W-	52.30 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA

6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D		DIGITAL DATA

3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA

SITE ID: SAT30/3011

LOCATION: 500 KUBAND 0.75M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	SAT30/3011	75 meters	SEA TEL	USAT30 & 3011
14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M10G1W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	35.50 dBW	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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		

10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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SITE ID: 3612

LOCATION: 500 KUBAND 0.9M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 3612	0.9 meters	SEA TEL	3612
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14000.0000 - 14500.0000 MHz	5M00G7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G1W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G7W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	5M00G1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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10950.0000 - 11200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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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
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10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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SITE ID: 4012

LOCATION: 500 KUBAND 1.06 ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4012	1.06 meters	SEA TEL	4012
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14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4003

LOCATION: 500 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4003 1 meters SEA TEL 4003

14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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
10950.0000 - 11200.0000 MHz	44K8G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: TTSA900

LOCATION: 500 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	TTSA900	1 meters	THRANE & THRANE	TT-7090A SAILOR 900
14000.0000 - 14500.0000 MHz	5M00G7W	53.44 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	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW	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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

SITE ID: INTV60G
LOCATION: 500 KUBAND 0.6M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOTHBURY, CT

ANTENNA ID:	INTV60G	0.6 meters	INTELLIAN	V60G
	14000.0000 - 14500.0000 MHz	44K8G7W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M20G1W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M20G7W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	11450.0000 - 12200.0000 MHz	54M0G1W		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
	10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV80G
LOCATION: 500 KUBAND 0.83M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTBURY, CT

ANTENNA ID:	INTV80G	0.83 meters	INTELLIAN	V80G
	14000.0000 - 14500.0000 MHz	44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV110

LOCATION: 500 KUBAND 1.05M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHBURY, CT

ANTENNA ID: INTV110 1.05 meters INTELLIAN V110

14000.0000 - 14500.0000 MHz	5M00G7W	53.14 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	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.14 dBW	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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9707/97/11

LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9707/97/11	2.4 meters	SEA TEL	9707, 9797 & 9711
5925.0000 - 6425.0000 MHz	15M0G7W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORC

LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9711QORC	2.4 meters	SEA TEL	9711QORC
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

5925.0000 - 6425.0000 MHz	15M0G7W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4006/9/10

LOCATION: 1000 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4006/9/10 1 meters SEA TEL 4006, 4009 & 4010

14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
1400.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
1400.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4996
LOCATION: 300 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	4996	1.2 meters	SEA TEL	4996
14000.0000 - 14500.0000 MHz		8M00G7W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		8M00G1W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz		54M0G1W		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
10950.0000 - 11200.0000 MHz		54M0G1W		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		44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 5009/10/12
LOCATION: 750 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	5009/10/12	1.2 meters	SEA TEL	5009, 5010 & 5012
14000.0000 - 14500.0000 MHz		8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz		44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORKU

LOCATION: 500 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9711QORKU 1.2 meters SEA TEL 9711QOR_KU

14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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

10950.0000 - 11200.0000 MHz	54M0G1W	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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 6006/9/12

LOCATION: 500 KUBAND 1.5M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 6006/9/12 1.5 meters SEA TEL 6006, 6009 & 6012

14000.0000 - 14500.0000 MHz	44K8G7W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	0.00 dBW	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
10950.0000 - 11200.0000 MHz	54M0G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9797/11KU

LOCATION: 500 KUBAND 2.4M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	9797/11KU	2.4 meters	SEA TEL	9797 & 9711 KU
14000.0000 - 14500.0000 MHz	44K8G7W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	15M0G1W	63.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	15M0G7W	63.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
11450.0000 - 12200.0000 MHz	54M0G1W	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		
10950.0000 - 11200.0000 MHz	54M0G1W	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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		

SITE ID: INTV240

LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	INTV240	2.4 meters	INTELLIAN	V240
5925.0000 - 6425.0000 MHz	15M0G1W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
5925.0000 - 6425.0000 MHz	15M0G7W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
5925.0000 - 6425.0000 MHz	44K8G1W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
5925.0000 - 6425.0000 MHz	44K8G7W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

3700.0000 - 4200.0000 MHz	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 21CTTC
LOCATION: 2120 RIVER ROAD (12.8M.)21CTTC, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 21CTTC 12.8 meters PHILCO FORD 12.8M

Points of Communication:

- 21CNORM - ALSAT - (ALSAT)
- 21CNORM - TELSTAR 11N (S2357) - (37.5 W.L.)
- 21CTTC - INMARSAT Ltd-3 - (15.5 W.L.)
- 21CTTC - MARISAT-F2 - (33.9 W.L.)
- 21LBAND - INMARSAT 3F4 - (54 W.L.)
- 21LBAND - INMARSAT-2 AOR-WEST - (98 W.L.)
- 23ACTTC - AMAZONAS 1 (S2622) - (61 W.L.)
- 23ACTTC - AMOS-2 - (4.0 W.L.)
- 23BLBAND - INMARSAT 4F3 - (97.65 W.L.)
- 23BLBAND - ISAT List -
- 3612 - ALSAT - (ALSAT)
- 4003 - ALSAT - (ALSAT)
- 4006/9/10 - ALSAT - (ALSAT)
- 4012 - ALSAT - (ALSAT)
- 4996 - ALSAT - (ALSAT)
- 5009/10/12 - ALSAT - (ALSAT)
- 6006/9/12 - ALSAT - (ALSAT)
- 9707/97/11 - ALSAT - (ALSAT)
- 9707/97/11 - NSS 9 - (177 W.L.)

9707/97/11 - SES-4 (S2828) - (22.0 W.L.)

9711QORC - ALSAT - (ALSAT)

9711QORC - NSS 9 - (177 W.L.)

9711QORC - SES-4 (S2828) - (22.0 W.L.)

9711QORKU - ALSAT - (ALSAT)

9797/11KU - ALSAT - (ALSAT)

INTV110 - ALSAT - (ALSAT)

INTV240 - ALSAT - (ALSAT)

INTV240 - NSS 9 - (177 W.L.)

INTV240 - SES-4 (S2828) - (22.0 W.L.)

INTV60G - ALSAT - (ALSAT)

INTV80G - ALSAT - (ALSAT)

SAT30/3011 - ALSAT - (ALSAT)

SBY301KU - INMARSAT 4F3 - (98 W.L.)

SBY332KU - ALSAT - (ALSAT)

TTSA900 - ALSAT - (ALSAT)

SES-MFS-20130612-00485 E WB36 Astrium Services Government, Inc.

Modification

Class of Station: Other

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

Astrium Services Government, Inc. requests to modify its blanket earth station license for ESV remote antennas to add the following new antenna models: (1) Sea Tel Model USAT-30/3011 0.75 meter Ku-band [Ant. Id Sat30/3011], (2) Sea Tel Model 3612 0.9 Meter Ku-band [Ant.Id 3612], (3) Sea Tel Model 4012 1.06 Meter Ku-band [Ant.Id 4012], (4) Sea Tel Model 9711 QOR Combination 2.4 Meter C-band/1.2 Meter Ku-band [Ant.Id 9711QOR_Ku], (5) Thrane & Thrane Model TT-7090A Sailor 900 1.0 meter Ku-band [Ant. Id TT Sa 900] and (6) Intellian Model v240 2.4 Meter C-band [Ant.Id INTV240]. See IBFS File No. SES-AMD-20130909-00784 for further information.

SITE ID: 21CTTC

LOCATION: 2120 RIVER ROAD (12.8M.)21CTTC, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 21CTTC 12.8 meters PHILCO FORD 12.8M

SITE ID: SBY332KU

LOCATION: 2120 River Road (9.M.)SBY332KU, New Haven, Southbury, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: SBY332KU 9 meters VERTEX 9 KPK

14000.0000 - 14500.0000 MHz	72M0G7W	88.70 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.60 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	1M60G1F	72.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.10 dBW	PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	36M0F8W	80.10 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	9K00G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO AND ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	72M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO

SITE ID: 21LBAND
LOCATION: 2120 RIVER ROAD (12.8M)21LBAND, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	21LBAND	12.8 meters	PHILCO FORD	12.8M
1626.5000 - 1660.5000 MHz	NON	40.50 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)	
1626.5000 - 1660.5000 MHz	34K0F3E	36.00 dBW	TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED	
1626.5000 - 1660.5000 MHz	2K40G7D-	36.00 dBW	TEST BPSK, DATA/TDM	
1626.5000 - 1660.5000 MHz	132KG7D	36.00 dBW	TEST BPSK, DATA/TDM	
1626.5000 - 1660.5000 MHz	2K40G1D-	36.00 dBW	TEST BPSK, DATA	
1626.5000 - 1660.5000 MHz	2M20G1D	36.00 dBW	TEST BPSK, DATA	
1626.5000 - 1660.5000 MHz	5K60G1W-	36.00 dBW	TEST QPSK, DATA/FAX	
1626.5000 - 1660.5000 MHz	2K40G1W	36.00 dBW	TEST QPSK, DATA/FAX	
1626.5000 - 1660.5000 MHz	5K60G1E-	36.00 dBW	TEST QPSK, TELEPHONY	
1626.5000 - 1660.5000 MHz	24K0G1E	36.00 dBW	TEST QPSK, TELEPHONY	
1626.5000 - 1660.5000 MHz	40K0G1W	48.20 dBW	TEST 16QAM DIGITAL TELEPHONY	

1626.5000 - 1660.5000 MHz	400KG1F	36.00 dBW	TEST QPSK DIGITAL VIDEO/DATA
1574.4000 - 1576.6000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
1525.0000 - 1559.0000 MHz	34K0F3E		TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D		TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	2K40G1W		TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E		TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W		TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F		TEST QPSK DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D		TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP

SITE ID: 23ACTTC
LOCATION: 2120 RIVER ROAD (10.4M)23ACTTC, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 23ACTTC 10.4 meters PHILCO FORD 104.M

5925.0000 - 6425.0000 MHz	36M0F8W	86.50 dBW	TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
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SITE ID: 23BLBAND
LOCATION: 2120 RIVER ROAD (1.8M)23BLBAND, NEW HAVEN, SOUTHURY, CT
41 ° 27 ' 5.10 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID: 23BLBAND 1.8 meters TRUE FOCUS 1.8M

1626.5000 - 1660.5000 MHz	NON	27.20 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)
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1574.4000 - 1576.6000 MHz	2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP
1525.0000 - 1559.0000 MHz	NON	UNMODULATED AFC PILOT
1525.0000 - 1559.0000 MHz	34K0F3E	TEST FM TELEPHONY COMPANDED AND UNCOMPANDED
1525.0000 - 1559.0000 MHz	2K40G7D-	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	132KG7D	TEST BPSK, DATA/TDM
1525.0000 - 1559.0000 MHz	2K40G1D-	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK, DATA
1525.0000 - 1559.0000 MHz	5K60G1W-	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	24K0G1W	TEST QPSK, DATA/FAX
1525.0000 - 1559.0000 MHz	5K60G1E-	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	24K0G1E	TEST QPSK, TELEPHONY
1525.0000 - 1559.0000 MHz	40K0G1W	TEST 16QAM DIGITAL TELEPHONY
1525.0000 - 1559.0000 MHz	400KG1F	TEST QPSK, DIGITAL VIDEO/DATA
1525.0000 - 1559.0000 MHz	2M20G1D	TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP

SITE ID: SBY301KU
LOCATION: 2120 RIVER ROAD (9.M)SBY301KU, NEW HAVEN, SOUTHURRY, CT
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	SBY301KU	9 meters	VERTEX	9KPK
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY	
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO	
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK DIGITAL DATA	

14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO, AND DATA
14000.0000 - 14500.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13780.0000 - 14500.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13780.0000 - 14500.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
13778.0000 - 14000.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	45M0G7W	86.60 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13778.0000 - 14000.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 14000.0000 MHz	36M0G7W	74.50 dBW	QPSK, DIGITAL TELEPHONY
13750.0000 - 13772.0000 MHz	1M86G7W	68.80 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13772.0000 MHz	21M0G7W	83.30 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13772.0000 MHz	600KG7W	67.90 dBW	DIGITAL VIDEO, AUDIO, AND DATA
13750.0000 - 13770.0000 MHz	10M0G7W	80.10 dBW	DIGITAL VIDEO, AUDIO AND DATA

13750.0000 - 13770.0000 MHz	64K0G7W	58.10 dBW	DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11450.0000 - 11700.0000 MHz	72M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	42M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	36M0F8W		ANALOG VIDEO
11450.0000 - 11700.0000 MHz	36M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	20M0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	2M29G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	1M60G1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	800KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	400KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	200KG1F		PSK DIGITAL VIDEO W/ASSOC DIG AUDIO
11450.0000 - 11700.0000 MHz	100KG7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	76K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	43K8G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	45K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	32K0G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	9K00G7W		QPSK DIGITAL DATA
11450.0000 - 11700.0000 MHz	10M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 11700.0000 MHz	417KG7W		DIGITAL VIDEO, AUDIO, AND DATA
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL VIDEO, AUDIO, AND DATA

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

SITE ID: 21CNORM

LOCATION: 2120 RIVER ROAD (12.8M)21CNORM, NEW HAVEN, SOUTHURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

ANTENNA ID:	21CNORM	12.8 meters	PHILCO FORD	12.8M
6454.4000 - 6456.6000 MHz	2M20G1D	80.70 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)	
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA	
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA	
6424.0000 - 6454.0000 MHz	NON	62.00 dBW	UNMODULATED AFC PILOT (CLOSE LOOP)	

6424.0000 - 6454.0000 MHz	34K0F3E	62.00 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
6424.0000 - 6454.0000 MHz	2K40G7D-	51.10 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	132KG7D	62.00 dBW	BPSK, DATA/TDM
6424.0000 - 6454.0000 MHz	2K40G1D-	51.10 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	2M20G1D	62.00 dBW	BPSK, DATA
6424.0000 - 6454.0000 MHz	5K60G1W	54.80 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	24K0G1W	61.10 dBW	QPSK, DATA/FAX
6424.0000 - 6454.0000 MHz	5K60G1E-	54.80 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	61.10 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	63.30 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	62.00 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	62.00 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	53.30 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT (CLOSE LOOP)
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED AND UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA

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

SITE ID: 23ACNOR

LOCATION: 2120 RIVER ROAD (10.4)23ACNOR, SOUTHURY, NEW HAVEN, CT

41 ° 27 ' 5.10 " N LAT.

73 ° 17 ' 19.00 " W LONG.

ANTENNA ID:	23ACNOR	10.4 meters	PHILCO FORD	10.4M
	6454.4000 - 6456.6000 MHz	2M20G1D	73.50 dBW	BPSK SPREAD SPECTRUM DATA (NAVIGATION)
	6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
	6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
	6424.0000 - 6454.0000 MHz	NON	59.50 dBW	UNMODULATED AFC PILOT
	6424.0000 - 6454.0000 MHz	34K0F3E	59.50 dBW	FM TELEPHONY COMPANDED AND UNCOMPANDED
	6424.0000 - 6454.0000 MHz	2K40G7D-	48.60 dBW	BPSK, DATA/TDM
	6424.0000 - 6454.0000 MHz	132KG7D	59.50 dBW	BPSK, DATA/TDM
	6424.0000 - 6454.0000 MHz	2K40G1D-	48.60 dBW	BPSK, DATA
	6424.0000 - 6454.0000 MHz	2M20G1D	71.70 dBW	BPSK, DATA
	6424.0000 - 6454.0000 MHz	5K60G1W-	52.30 dBW	QPSK, DATA/FAX
	6424.0000 - 6454.0000 MHz	24K0G1W	58.60 dBW	QPSK, DATA/FAX

6424.0000 - 6454.0000 MHz	5K60G1E-	52.30 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	24K0G1E	58.60 dBW	QPSK, TELEPHONY
6424.0000 - 6454.0000 MHz	40K0G1W	60.80 dBW	16QAM DIGITAL TELEPHONY
6424.0000 - 6454.0000 MHz	400KG1F	59.50 dBW	QPSK, DIGITAL VIDEO/DATA
6424.0000 - 6454.0000 MHz	27K0F3W	59.50 dBW	FM9 ANALOG BROADCAST CARRIER
5927.0000 - 5927.0000 MHz	NON	50.80 dBW	TT&C RANGING CARRIER
3947.0000 - 3953.0000 MHz	131KG2D		PCM/PSK/BI-PHASE TRACKING BEACON
3700.0000 - 4200.0000 MHz	36M0F8W		TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE
3600.0000 - 3629.0000 MHz	NON		UNMODULATED AFC PILOT
3600.0000 - 3629.0000 MHz	34K0F3E		FM TELEPHONY COMPANDED ANAD UNCOMPANDED
3600.0000 - 3629.0000 MHz	2K40G7D-		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	132KG7D		BPSK, DATA/TDM
3600.0000 - 3629.0000 MHz	2K40G1D-		BPSK, DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK, DATA
3600.0000 - 3629.0000 MHz	5K60G1W-		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	24K0G1W		QPSK, DATA/FAX
3600.0000 - 3629.0000 MHz	5K60G1E-		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	24K0G1E		QPSK, TELEPHONY
3600.0000 - 3629.0000 MHz	40K0G1W		16QAM DIGITAL TELEPHONY
3600.0000 - 3629.0000 MHz	400KG1F		QPSK, DIGITAL VIDEO/DATA
3600.0000 - 3629.0000 MHz	2M20G1D		BPSK SPREAD SPECTRUM DATA (NAVIGATION)
3600.0000 - 3629.0000 MHz	10K0G1W		DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D		DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E		DIGITAL DATA

3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA

SITE ID: SAT30/3011

LOCATION: 500 KUBAND 0.75M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	SAT30/3011	75 meters	SEA TEL	USAT30 & 3011
14000.0000 - 14500.0000 MHz	44K8G7W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M10G1W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M10G7W	41.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	27.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION		
10950.0000 - 11200.0000 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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 3612

LOCATION: 500 KUBAND 0.9M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 3612 0.9 meters SEA TEL 3612

14000.0000 - 14500.0000 MHz	5M00G7W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	30.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4012

LOCATION: 500 KUBAND 1.06 ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	4012	1.06 meters	SEA TEL	4012
14000.0000 - 14500.0000 MHz	5M00G7W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	35.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	35.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.50 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W			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	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4003

LOCATION: 500 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	4003	1 meters	SEA TEL	4003
14000.0000 - 14500.0000 MHz	44K8G7W	34.70 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	51.07 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	0.00 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.07 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: TTSA900

LOCATION: 500 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	TTSA900	1 meters	THRANE & THRANE	TT-7090A SAILOR 900
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	53.44 dBW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 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	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G7W	53.44 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV60G
LOCATION: 500 KUBAND 0.6M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOTHBURY, CT

ANTENNA ID:	INTV60G	0.6 meters	INTELLIAN	V60G
14000.0000 - 14500.0000 MHz	1M20G1W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G1W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	44K8G7W	26.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	1M20G7W	40.57 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

SITE ID: INTV80G
LOCATION: 500 KUBAND 0.83M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHBURY, CT

ANTENNA ID:	INTV80G	0.83 meters	INTELLIAN	V80G
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14000.0000 - 14500.0000 MHz	1M20G1W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M20G7W	44.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W	0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	29.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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

SITE ID: INTV110

LOCATION: 500 KUBAND 1.05M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	INTV110	1.05 meters	INTELLIAN	V110
	14000.0000 - 14500.0000 MHz	5M00G7W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	14000.0000 - 14500.0000 MHz	44K8G7W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
	10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		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	5M00G1W	53.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		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

SITE ID: 9707/97/11

LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHBURY, CT

ANTENNA ID: 9707/97/11 2.4 meters SEA TEL 9707, 9797 & 9711

5925.0000 - 6425.0000 MHz	15M0G7W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORC

LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHBURY, CT

ANTENNA ID: 9711QORC 2.4 meters SEA TEL 9711QORC

5925.0000 - 6425.0000 MHz	44K8G7W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M07GW		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	45.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4006/9/10

LOCATION: 1000 KUBAND 1.0M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4006/9/10 1 meters SEA TEL 4006, 4009 & 4010

1400.0000 - 14500.0000 MHz	5M00G7W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
1400.0000 - 14500.0000 MHz	44K8G1W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	34.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	51.87 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W	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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 4996
LOCATION: 300 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 4996	1.2 meters	SEA TEL	4996
14000.0000 - 14500.0000 MHz	8M00G7W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G1W	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	44K8G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

SITE ID: 5009/10/12
LOCATION: 750 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 5009/10/12	1.2 meters	SEA TEL	5009, 5010 & 5012
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14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 9711QORKU

LOCATION: 500 KUBAND 1.2M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	9711QORKU	1.2 meters	SEA TEL	9711QOR_KU
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
14000.0000 - 14500.0000 MHz	8M00G1W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION	

11450.0000 - 12200.0000 MHz	44K8G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G7W	56.26 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: 6006/9/12

LOCATION: 500 KUBAND 1.5M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID:	6006/9/12	1.5 meters	SEA TEL	6006, 6009 & 6012
14000.0000 - 14500.0000 MHz	44K8G7W		41.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W		58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W		58.38 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		0.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W			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	44K8G7W			DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W		41.60 dBW	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

SITE ID: 9797/11KU
 LOCATION: 500 KUBAND 2.4M ESV REMOTES U.S AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: 9797/11KU 2.4 meters SEA TEL 9797 & 9711 KU

14000.0000 - 14500.0000 MHz	44K8G7W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G1W	63.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	15M0G7W	63.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.95 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: INTV240
 LOCATION: 500 CBAND 2.4M ESV REMOTES U.S. AND INTERNATIONAL WATERS, NEW HAVEN, SOUTHURY, CT

ANTENNA ID: INTV240 2.4 meters INTELLIAN V240

5925.0000 - 6425.0000 MHz	15M0G7W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
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5925.0000 - 6425.0000 MHz	44K8G7W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G1W	60.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	43.83 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

Points of Communication:

- 21CNORM - ALSAT - (ALSAT)
- 21CNORM - TELSTAR 11N (S2357) - (37.5 W.L.)
- 21CTTC - INMARSAT Ltd-3 - (15.5 W.L.)
- 21CTTC - MARISAT-F2 - (33.9 W.L.)
- 21LBAND - INMARSAT 3F4 - (54 W.L.)
- 21LBAND - INMARSAT-2 AOR-WEST - (98 W.L.)
- 23ACTTC - AMAZONAS 1 (S2622) - (61 W.L.)
- 23ACTTC - AMOS-2 - (4.0 W.L.)
- 23BLBAND - INMARSAT 4F3 - (97.65 W.L.)
- 23BLBAND - ISAT List -
- 3612 - ALSAT - (ALSAT)
- 4003 - ALSAT - (ALSAT)
- 4006/9/10 - ALSAT - (ALSAT)
- 4012 - ALSAT - (ALSAT)
- 4996 - ALSAT - (ALSAT)
- 5009/10/12 - ALSAT - (ALSAT)
- 6006/9/12 - ALSAT - (ALSAT)

9707/97/11 - ALSAT - (ALSAT)

9707/97/11 - NSS 9 - (177 W.L.)

9707/97/11 - SES-4 (S2828) - (22.0 W.L.)

9711QORC - ALSAT - (ALSAT)

9711QORC - NSS 9 - (177 W.L.)

9711QORC - SES-4 (S2828) - (22.0 W.L.)

9711QORKU - ALSAT - (ALSAT)

9797/11KU - ALSAT - (ALSAT)

INTV110 - ALSAT - (ALSAT)

INTV240 - ALSAT - (ALSAT)

INTV240 - NSS 9 - (177 W.L.)

INTV240 - SES-4 (S2828) - (22.0 W.L.)

INTV60G - ALSAT - (ALSAT)

INTV80G - ALSAT - (ALSAT)

SAT30/3011 - ALSAT - (ALSAT)

SBY301KU - INMARSAT 4F3 - (98 W.L.)

SBY332KU - ALSAT - (ALSAT)

TTSA900 - ALSAT - (ALSAT)

SES-MOD-20121023-00963 E E080100 Row 44 Inc.

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

In this application, as amended by SES-AFS-20130920-00833, Row 44, Inc. requests modification of its blanket license for operation of Ku-band aircraft earth stations (Call Sign E080100) to add additional points of communication. Specifically Row 44 proposes to transmit in the 14.05-14.47 GHz band to the following geostationary-orbit space stations: Intelsat 19 (Call Sign S2850) at 166° E.L.; Satmex 8 (Call Sign S2873) at 116.8° W.L., and Telesat T14R (also known as Estrella Do Sul) (Call Sign S2821) at 63° W.L. Row 44 proposes to receive downlink transmissions in the 12.25-12.75 GHz band from Intelsat 19 and in the 11.7-12.2 GHz band from Satmex 8 and Telesat T14R. Row 44 requests waiver of the Table of Allocations in Section 2.106 of the Commission's rules to permit reception in the 12.25-12.75 GHz band in Region 2 on a non-interference, unprotected basis.

SITE ID: Remotes-1

LOCATION: Operate up to 1000 (.6 m terminals) CONUS + TERRITORIAL & INTERNNATIONAL WAT

ANTENNA ID:	A	0.6 meters	AeroSat Avionics	70-100-0000-01
	14050.0000 - 14470.0000 MHz	1M60G7D	38.60 dBW	QPSK or octal PSK

11700.0000 - 12200.0000 MHz	36M0G7D	0.00 dBW	QPSK or octal PSK
SITE ID: Remotes-2			
LOCATION: Operate up to 1000 (.62 m terminals)			
ANTENNA ID: B	0.62 meters	TECOM	Ku-Stream
14050.0000 - 14470.0000 MHz	1M60G7D	38.80 dBW	QPSK or octal PSK
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK or octal PSK
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK or octal PSK
11450.0000 - 12200.0000 MHz	36M0G7D		QPSK or octal PSK
12250.0000 - 12750.0000 MHz	36M0G7D		QPSK OR OCTAL PSK
14050.0000 - 14470.0000 MHz	3M20G7D	41.80 dBW	QPSK OR OCTAL PSK

Points of Communication:

- Remotes-1 - AMC 2 - (100.95 W.L)
- Remotes-1 - AMC 9 - (83 W.L.)
- Remotes-1 - HORIZONS 1 - (127 WL)
- Remotes-1 - SES-1 - (101.0 W.L.)
- Remotes-2 - AMC 2 - (100.95 W.L)
- Remotes-2 - AMC 9 - (83 W.L.)
- Remotes-2 - ESTRELA DO SUL 2 - (63 W.L.)
- Remotes-2 - HORIZONS 1 - (127 WL)
- Remotes-2 - INTELSAT 19 (S2850) - (166.0 E.L.)
- Remotes-2 - SATMEX-8 - (116.8 W.L.)
- Remotes-2 - SES-1 - (101.0 W.L.)
- Remotes-2 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MOD-20131031-00915 E KJ82 Cebridge Acquisition, L.P.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Cebridge Acquisition, L.P. requests to modify its fixed earth station in Carthage, MO, to (1) change the satellite arc; (2) change the antenna model from a Scientific Atlanta to a ATCI; and (3) update an emission designator.

SITE ID: 1
LOCATION: 2540 S GRAND AVENUE, JASPER, CARTHAGE, MO
37 ° 8 ' 39.20 " N LAT. 94 ° 18 ' 34.50 " W LONG.

ANTENNA ID: 1 5 meters ATCI SIMULSAT
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL DATA VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20131106-00941 E E130221 CBS Communications Services Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4101 GRIZELLA ST. (KDKA-TV)-GRIZELLA, PITTSBURGH, PA
40 ° 29 ' 37.20 " N LAT. 80 ° 1 ' 4.10 " W LONG.

ANTENNA ID: 1 3 meters PATRIOT ANTENNA SYSTEMS 3 METER
3700.0000 - 4200.0000 MHz 36M0G7W Compressed digital/Analog Video and Audio

Points of Communication:

1 - ALSAT - (ALSAT)

SES-REG-20131106-00943 E E130222 CBS Communications Services Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: CLEARVIEW ROAD (KDKA-TV)- ALLISON PARK, PITTSBURGH, PA
40 ° 33 ' 33.20 " N LAT. 79 ° 57 ' 12.10 " W LONG.

ANTENNA ID: 1 4.5 meters SCIENTIFIC ATLANTA 4.5 M.
3700.0000 - 4200.0000 MHz 36M0G7W KDKA TV, Allison Compressed digital/Analog Video and Audio
3700.0000 - 4200.0000 MHz 2M63G7W DIGITAL

Points of Communication:

1 - ALSAT - (ALSAT)

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 401 Carlson Circle, Hays, San Marcos, TX

29 ° 54 ' 27.70 " N LAT.

97 ° 54 ' 28.10 " W LONG.

ANTENNA ID:	1	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	3700.0000 - 4200.0000 MHz		36M0G7F	Video Compressed

Points of Communication:

1 - PERMITTED LIST - ()

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