PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
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Report No. SES-01597 **Wednesday November 13, 2013**

Satellite Communications Services Information

re: Actions Taken

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-ASG-20130828-00767 E E060321 AMS Spectrum Holdings, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 11/07/2013

Current Licensee: COOK TELECOM INC.
FROM: COOK TELECOM INC.
TO: AMS Spectrum Holdings, LLC

No. of Station(s) listed: 1

SES-ASG-20131108-00963 E E000003 Omnitracs, Inc.
Application for Consent to Assignment
Grant of Authority Date Effective: 11/12/2013

Current Licensee: Omnitracs, Inc.
FROM: OMNITRACS, INC.
TO: Omnitracs, LLC

No. of Station(s) listed: 12

SES-LIC-20130813-00723 E E130153 IHLAS HABER AJANSI IHA
Application for Authority 11/12/2013 - 11/12/2028
Grant of Authority Date Effective: 11/12/2013

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: N/A, USA, Washington, DC

ANTENNA ID: 1 1.35 meters General Dynamics C125M

14000.0000 - 14500.0000 MHz 8M00G7F 57.00 dBW Digital Compressed Video

Points of Communication:

1 - ALSAT - (ALSAT)

1 - GALAXY 17 (S2715) - (91 W.L.)

1 - INTELSAT 14 (S2785) - (45.0 W.L.)

1 - TELSTAR 11N (S2357) - (37.5 W.L.)

SES-MFS-20130604-00470 E E000696 SES Americom, Inc.

Modification 04/25/2011 - 04/25/2026

Granted in Part/ Deferred in Part Date Effective: 10/30/2013

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service, Fixed Satellite Service, International Fixed Satellite Service

SES Americom, Inc.'s request to add the SES-6 (S2870) satellite at 40.5 W.L. and the SES-4 (S2828) satellite at 22.0 W.L as points of communication was granted. SES Americom Inc.'s request to add the New Skies 806 (S2591) satellite at the 47.5º W.L. orbital location as a point of communication and to operate in the 4500-4800 MHz (space-to-Earth) and 6725-6874 MHz (Earth-to-space) frequency bands was deferred.

SITE ID: BRISTOW

LOCATION: 8031 Piney Branch RD, Prince William, Bristow, VA

38 ° 47 ' 3.20 " N LAT. 77 ° 34 ' 21.70 " W LONG.

ANTENNA ID: NSS-EC-1 16.4 meters VERTEX 16.4 THC

6600.0000 - 6639.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6600.0000 - 6639.0000 MHz	72M0G7W	85.40 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6600.0000 - 6639.0000 MHz	36M0F3F	85.40 dBW	Standard Video
6425.5000 - 6560.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6425.5000 - 6560.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
6425.5000 - 6560.0000 MHz	36M0F3F	85.40 dBW	Standard Video
6175.5500 - 6177.0500 MHz	900KF1D	79.73 dBW	FM, TeleCommand Frequency 2
6172.9500 - 6174.4500 MHz	900KF1D	79.73 dBW	FM, TeleCommand Frequency 1

5925.0000 - 6425.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5925.0000 - 6425.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5925.0000 - 6425.0000 MHz	36M0F3F	85.40 dBW	Standard Video
5850.0000 - 5925.0000 MHz	15K2G7W-	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5850.0000 - 5925.0000 MHz	72M0G7W	61.90 dBW	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
5850.0000 - 5925.0000 MHz	36M0F3F	85.40 dBW	Standard Video
4199.5000 - 4199.5000 MHz	NON		CW, Tracking Beacon
3952.2500 - 3952.7500 MHz	500KG7W		PM, Telemetry Beacon2
3951.7500 - 3952.2500 MHz	500KG7D		PM, Telemetry Beacon 2A
3950.0000 - 3950.0000 MHz	NON		CW, Tracking Beacon
3947.7500 - 3948.2500 MHz	500KG7D		PM, Telemetry Beacon 1A
3947.2500 - 3947.7500 MHz	500KG7D		PM, Telemetry Beacon 1
3947.2500 - 3947.7500 MHz	500KG7D		PM, Telemetry Beacon
3700.0000 - 4200.0000 MHz	15K2G7W-		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3700.0000 - 4200.0000 MHz	72M0G7W		BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video

3625.0000 - 3700.0000 MHz	15K2G7W-	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3625.0000 - 3700.0000 MHz	72M0G7W	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps - 90Mbps, combination of digital services - data, compressed digital video, internet, etc.
3625.0000 - 3700.0000 MHz	36M0F3F	Standard Video
3625.0000 - 3700.0000 MHz	45K0G1W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	6M87G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	25M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	41M9G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	72M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3625.0000 - 3700.0000 MHz	36M0F8W	Voice, video, and data, FM
3625.0000 - 3700.0000 MHz	30M0F8W	Voice, video, and data, FM
3625.0000 - 3700.0000 MHz	20M0G7W	Voice, video, and data, QPSK, BPSK, 8PSK. FEC 3/4, FEC 7/8
3600.0000 - 3625.0000 MHz	36M0F3F	Standard video
3600.0000 - 3625.0000 MHz	15K2G7W	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps-90Mbps, combination of digital services-data, compressed digital video, internet, etc.
3600.0000 - 3625.0000 MHz	72M0G7W	BPSK, QPSK, 8PSK, 16QAM, FEC rates-1/2-7/8, various data rates 19kbps-90Mbps, combination of digital services-data, compressed digital video, internet, etc.
3600.0000 - 3625.0000 MHz	45K0G1W	Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC
3600.0000 - 3625.0000 MHz	6M87G7D	Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC
3600.0000 - 3625.0000 MHz	25M0G7W	Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC

3600.0000 - 3625.0000 MHz	41M9G7W			Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC
3600.0000 - 3625.0000 MHz	72M0G7W			Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC
3600.0000 - 3625.0000 MHz	36M0F8W			Voice, video and data, FM
3600.0000 - 3625.0000 MHz	30M0F8W			Voice, video and data, FM
3600.0000 - 3625.0000 MHz	20M0G7W			Voice, video and data, BPSK, QPSK, 8PSK, FEC 3/4, FEC
ANTENNA ID: NWM-16	11 meters	GD SATCOM		11.1 KPC
5850.0000 - 5925.0000 MHz	1M00F8D		80.10 dBW	TT&C
5925.0000 - 6425.0000 MHz	1M00F8D		79.10 dBW	TT&C
5850.0000 - 5925.0000 MHz	100KN0N		70.10 dBW	CW TESTING AND BEACONS
5850.0000 - 5925.0000 MHz	72M0G7W		82.50 dBW	VIDEO AND DATA
5850.0000 - 6425.0000 MHz	15K2G7W		58.70 dBW	VIDEO AND DATA
5925.0000 - 6425.0000 MHz	100KN0N		69.10 dBW	CW TESTING AND BEACONS
3625.0000 - 4200.0000 MHz	1M00F8D			TT&C
3625.0000 - 4200.0000 MHz	100KN0N			CW TESTING BEACONS
3625.0000 - 4200.0000 MHz	15K2G7W			VIDEO AND DATA
3625.0000 - 4200.0000 MHz	72M0G7W			VIDEO AND DATA
ANTENNA ID: NWM-17	9 meters	GD SATCOM		9.0KPC
5850.0000 - 5925.0000 MHz	1M00F8D		78.00 dBW	TT&C
5925.0000 - 6425.0000 MHz	1M00F8D		77.00 dBW	TT&C
5825.0000 - 6425.0000 MHz	100KN0N		64.90 dBW	VIDEO AND DATA
5850.0000 - 5925.0000 MHz	100KN0N		68.00 dBW	CW TESTING AND BEACONS
5850.0000 - 5925.0000 MHz	36M0G7W		80.40 dBW	VIDEO AND DATA
5925.0000 - 6425.0000 MHz	100KN0N		67.00 dBW	CW TESTING AND BEACONS
5925.0000 - 6425.0000 MHz	54M0G7W		80.20 dBW	VIDEO AND DATA
3625.0000 - 4200.0000 MHz	1M00F8D			TT&C

3625.0000 - 4200.0000 MHz	100KN0N	CW TESTING AND BEACONS
3625.0000 - 4200.0000 MHz	36M0G7W	VIDEO AND DATA
3625.0000 - 4200.0000 MHz	102KG7W	VIDEO AND DATA
3700.0000 - 4200.0000 MHz	54M0G7W	VIDEO AND DATA

Points of Communication:

BRISTOW - ALSAT - (ALSAT)

BRISTOW - INTELSAT 805 (S2404) - (304.5 E.L.)

BRISTOW - INTELSAT AOR - (310.0 E.L.)

BRISTOW - INTELSAT AOR - (325.5 E.L.)

BRISTOW - INTELSAT AOR - (328.5 E.L.)

BRISTOW - INTELSAT AOR - (330.5 E.L.)

BRISTOW - INTELSAT AOR - (332.5 E.L.)

BRISTOW - INTELSAT AOR - (335.5 E.L.)

BRISTOW - INTELSAT AOR - (340.0 E.L.)

BRISTOW - INTELSAT AOR - (342.0 E.L.)

BRISTOW - INTELSAT AOR(S2398) - (307.0 E.L.)

BRISTOW - New Skies 806 - (319.5 E.L.)

BRISTOW - NSS-7 (S2463) - (20 W.L.)

BRISTOW - NSS-806 (S2591) - (47.5 W.L.)

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

BRISTOW - SES-6 (S2870) - (40.5 W.L.)

SES-MOD-20131017-00878 E KA313 Astrium Services Government, Inc.
Application for Modification 02/20/2010 - 02/20/2025
Withdrawn Date Effective: 11/06/2013

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

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

ANTENNA ID: (C)14.2M 14.2 meters TIW (C-band) 14.2M

6454.4000 - 6456.6000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	600HG1D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	600HG2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	1K20G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2K40G2D	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	10K5G2F	44.50 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	78.00 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	2M20G1D	82.30 dBW	DIGITAL CARRIER
6425.0000 - 6454.0000 MHz	100KG1X	60.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1W	59.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	10K0G1X	61.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	17K5G1D	61.40 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	20K0G1E	56.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50F1D	58.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	2K50G1D	65.70 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	45K0G7D	66.00 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1D	61.80 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	5K00G1E	51.90 dBW	DIGITAL DATA

6425.0000 - 6454.0000 MHz	5K00G1W	51.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	60K0D1W	65.90 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1D	59.10 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1E	62.20 dBW	DIGITAL DATA
6425.0000 - 6454.0000 MHz	7K50G1W	58.40 dBW	DIGITAL DATA
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications Systems Monitoring & test Signals
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	Communications Systems Monitoring & test Signals
6417.5000 - 6443.0000 MHz	4K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	4K00G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	6K00G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	7K50G3E	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G1D	70.00 dBW	
6417.5000 - 6443.0000 MHz	12K0G3E	70.00 dBW	
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C
6170.0000 - 6180.0000 MHz	900KF2D	90.00 dBW	TT&C
5925.0000 - 6425.0000 MHz	36M0F8F	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	83.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	84.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	61.70 dBW	DIGITAL VOICE, AND DATA
4192.5000 - 4200.0000 MHz	3K00G1D		
4192.5000 - 4200.0000 MHz	4K00G1D		
4192.5000 - 4200.0000 MHz	4K00G3E		
4192.5000 - 4200.0000 MHz	7K50G3E		

4192.5000 - 4200.0000 MHz	12K0G1D	
4192.5000 - 4200.0000 MHz	12K0G3E	
4188.0000 - 4189.0000 MHz	1K00G1D	TT&C
3945.0000 - 3955.0000 MHz	1K00G1D	TT&C
3700.0000 - 4200.0000 MHz	36M0F8F	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W	DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-	DIGITAL VOICE AND DATA
3600.0000 - 3629.0000 MHz	2M20G1D	DIGITAL CARRIER
3600.0000 - 3629.0000 MHz	100KG1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	10K0G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	17K5G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	20K0G1X	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50F1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	2K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	45K0G7D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	5K00G1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	60K0D1W	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1D	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1E	DIGITAL DATA
3600.0000 - 3629.0000 MHz	7K50G1W	DIGITAL DATA

3600.0000 - 3623.0000 MHz	NON	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	300KFXN	Communications Systems Monitoring & test Signals
3600.0000 - 3623.0000 MHz	3K00G1D	
3600.0000 - 3623.0000 MHz	4K00G1D	
3600.0000 - 3623.0000 MHz	4K00G3E	
3600.0000 - 3623.0000 MHz	7K50G3E	
3600.0000 - 3623.0000 MHz	12K0G1D	
3600.0000 - 3623.0000 MHz	12K0G3E	

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

ANTENNA ID: 1.8M 1.8 meters ANDREW 183

14000.0000 - 14500.0000 MHz	169KG7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	1M62G7W	58.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

SITE ID: Hub (8.1M)
LOCATION: 2120 River Road, New Haven, Southbury, CT
41 ° 27 ' 6.30 " N LAT. 73 ° 17 ' 16.40 " W LONG.

ANTENNA ID: Vertex 8.1 8.1 meters VERTEX KPK

14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	100KG7W	60.07 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	83.08 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	73.67 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	55.13 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	77.23 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	42M0G7W	86.31 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	56.49 dBW	QPSK, DIGITAL DATA

14000.0000 - 14500.0000 MHz	45K0G7W	56.61 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	76K8G7W	58.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	9K00G7W	49.62 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	72M0G7W	88.55 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	72.00 dBW	QPSK, DIGITAL TELEPHONY
14000.0000 - 14500.0000 MHz	1M60G1F	72.12 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	200KG1F	63.08 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	400KG1F	66.10 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
14000.0000 - 14500.0000 MHz	800KG1F	69.11 dBW	PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	36M0F8W		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	100KG7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	20M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	2M29G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	32K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	42M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	43K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	45K0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	72M0G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	76K8G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	9K00G7W		QPSK, DIGITAL DATA
11700.0000 - 12200.0000 MHz	36M0G7W		QPSK, DIGITAL TELEPHONY
11700.0000 - 12200.0000 MHz	1M60G1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	200KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

11700.0000 - 12200.0000 MHz	400KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO
11700.0000 - 12200.0000 MHz	800KG1F		PSK DIGITAL VIDEO WITH ASSOCIATED DIGITAL AUDIO

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

ANTENNA ID: AVL 1.2M 1.2 meters AVL 1.2M Ku-band

14000.0000 - 14500.0000 MHz	1M55G7W	55.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	49.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M10G7W	58.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	41.30 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	52.10 dBW	DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
11450.0000 - 11700.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	64K0G7W		DIGITAL AUDIO, VIDEO AND DATA USING QPSK AND BPSK MODULATION

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

ANTENNA ID: V1110	1.05 meters	INTELLIAN	V110
14000.0000 - 14500.0000 MHz	194KG7W	42.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M16G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M36G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M55G7W	49.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	485KG7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	582KG7W	47.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G7W	37.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	679KG7W	47.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	776KG7W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	970KG7W	49.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	97K0G7W	39.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M60G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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

ANTENNA ID:	1.2M	1.2 meters	ANDREW	123/124

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

ANTENNA ID:	2.4M	2.4 meters	ANDREW	243

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

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

ANTENNA ID:	.75M	0.75 meters	VISIOSAT	VISIOSAT 75

14000.0000 - 14500.0000 MHz	1M52G7W	49.50 dBW	DIGITAL AUDIO, VIDEO, AND DATA

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

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

ANTENNA ID: .90M 0.9 meters VISIOSAT VISIOSAT 90

14000.0000 - 14500.0000 MHz	1M52G7W	50.60 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	44.10 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

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

ANTENNA ID: .96M 0.96 meters ANDREW TYPE 960

14000.0000 - 14500.0000 MHz	1M52G7W	51.70 dBW	DIGITAL AUDIO, VIDEO, AND DATA
14000.0000 - 14500.0000 MHz	342KG7W	45.20 dBW	DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL AUDIO, VIDEO, AND DATA
11700.0000 - 12200.0000 MHz	54M0G7W		DIGITAL AUDIO, VIDEO, AND DATA

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

ANTENNA ID: (Hub)6.1M 6.1 meters VERTEX KPK

14000.0000 - 14500.0000 MHz	36M0F8W	80.14 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	100KG7W	57.07 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M0G7W	80.08 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	2M29G7W	70.67 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	32K0G7W	52.13 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	36M0G7W	76.93 dBW	QPSK, DIGITAL DATA
14000.0000 - 14500.0000 MHz	43K8G7W	53.49 dBW	QPSK, DIGITAL DATA

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

SITE ID: ESV/4003A
LOCATION: Operate up to 550 remotes (1.0M), CONUS

ANTENNA ID: 4003A	1 meters	SEATEL	4003A
14000.0000 - 14500.0000 MHz	44K8G1W	34.40 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	538KG1W	45.20 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	37.40 dBW	SPCP USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	227KG7W	41.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	340KG7W	43.20 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	454KG7W	44.50 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	908KG7W	45.80 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M40G7W	45.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	316KG7W	42.80 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	607KG7W	45.70 dBW	DVB/MFTDMA USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	378KG7W	43.60 dBW	TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	151KG7W		TDM/TDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		SPCP USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		TDM/TDMA USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	2M60G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W	SPCP USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	151KG7W	TDM/TDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M60G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W	DVB/MFTDMA USING QPSK AND BPSK MODULATION

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

ANTENNA ID: STLUSAT30 0.75 meters SEA TEL USAT-30

14000.0000 - 14500.0000 MHz	768KG7W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	768KG1W	40.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG7W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	512KG1W	38.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G7W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	4M10G1W	47.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G7W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M58G1W	46.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	3M07G7W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	3M07G1W	46.30 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G7W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M56G1W	45.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M05G1W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG7W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	256KG1W	35.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G7W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M79G1W	43.90 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G7W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M54G1W	43.20 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G7W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M28G1W	42.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G7W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M02G1W	41.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG7W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	128KG1W	32.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	45M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

11450.0000 - 12200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M00G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	45M0G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G7W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M00G1W	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

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

ANTENNA ID: T&TSAIL900 1 meters THRANE & THRANE TT-7090A

14000.0000 - 14500.0000 MHz	97K0G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	89K6G1W	39.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	81K0G7W	39.00 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	717KG1W	48.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	452KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	36.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	445KG7W	46.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	388KG7W	45.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	2M35G1W	53.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	291KG7W	44.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

14000.0000 - 14500.0000 MHz	1M43G1W	51.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	194KG7W	42.80 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	151KG7W	41.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11450.0000 - 12200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	89K6G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	81K0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	717KG1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	54M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	2M35G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
10950.0000 - 11200.0000 MHz	1M43G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: (C-ba) ESV9707/97/11

LOCATION: Operate up to 500 remotes (2.4M) US Internation water

ANTENNA ID:	C-ba 2.4M	2.4 meters	SEA TEL	9707/9797/9711

5925.0000 - 6425.0000 MHz	44K8G7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	60.95 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	54M0G7W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/INTV240

LOCATION: Operate up to 500 remotes (2.4M) US Internation water

ANTENNA ID: INT V240 2.4 meters INTELLIAN V240

5925.0000 - 6425.0000 MHz	44K8G7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	49.50 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	15M0G1W	60.70 dBW	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/9711QOR-C

LOCATION: Operate up to 500 remotes (2.4M C-BAND) US Internation water

ANTENNA ID: 9711QOR-C 2.4 meters SEA TEL 9711QOR-C

5925.0000 - 6425.0000 MHz	44K8G7W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	44K8G1W	49.50 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
5925.0000 - 6425.0000 MHz	15M0G7W	60.95 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	54M0G7W		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	44K8G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
3700.0000 - 4200.0000 MHz	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/9711QOR-KU

LOCATION: Operate up to 500 remotes (1.2M KU-BAND) US Internation water

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	8M00G1W	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	44K8G1W	39.50 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	54M0G1W		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	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/INTV100KU
LOCATION: Operate up to 500 remotes (1.06M KU-BAND) US Internation water

ANTENNA ID: INTV100KU 1.06 meters INTELLIAN V100

14000.0000 - 14500.0000 MHz	5M00G7W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	5M00G1W	52.60 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	37.10 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	37.10 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	54M0G1W		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	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/INTV130KU
LOCATION: Operate up to 500 remotes (1.25M KU-BAND) US Internation water

ANTENNA ID: INTV130KU 1.25 meters INTELLIAN V130

14000.0000 - 14500.0000 MHz	8M00G7W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	54.40 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	39.70 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	39.70 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	54M0G1W		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	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/MIT/MVA60KU
LOCATION: Operate up to 500 remotes (0.6M KU-BAND) US Internation water

ANTENNA ID: MITMVA60K 0.6 meters MITSUBISHI MVA60

14000.0000 - 14500.0000 MHz	44K8G7W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	34.93 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G7W	46.34 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	1M10G1W	46.34 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	54M0G1W		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	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: ESV/MIT/MVA120KU

LOCATION: Operate up to 500 remotes (1.2M KU-BAND) US Internation water

ANTENNA ID: MITMVA12K 1.2 meters MITSUBISHI MVA120

14000.0000 - 14500.0000 MHz	8M00G7W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	8M00G1W	55.72 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G7W	44.22 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	44K8G1W	44.22 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	54M0G1W		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	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	54M0G1W		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	44K8G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION

SITE ID: REMOTE 1.2M. FLYAWAY
LOCATION: Operate up to 500 remotes (1.2M KU-BAND) U.S. TERRITORIES, CONUS, AK, HI

ANTENNA ID: SA1.2M.FLY 1.2 meters SINAERO SA-1.2TFLY

14000.0000 - 14500.0000 MHz	64K0G7W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	64K0G1W	40.14 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G7W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
14000.0000 - 14500.0000 MHz	10M0G1W	58.84 dBW	DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	36M0G1W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G7W		DIGITAL TRAFFIC USING QPSK AND BPSK MODULATION
11700.0000 - 12200.0000 MHz	1M00G1W		DIGITAL TRAFFIC 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, SOUTHBURY, 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

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.)

(C-ba) ESV9707/97/11 - NSS 9 - (177 W.L.)

(C-ba) ESV9707/97/11 - SES-4 (S2828) - (22.0 W.L.)

(Ku) ESV TTSAIL900 - ALSAT - (ALSAT)

(Ku) ESVREMOTE .75M - ALSAT - (ALSAT)

(Ku) Hub 14.2M - ALSAT - (ALSAT)

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

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

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

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

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

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

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

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

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

(L) Hub 14.2M - ISAT List -

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

ESV/4003A - ALSAT - (ALSAT)

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

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

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/9711QOR-C - NSS 9 - (177 W.L.)

ESV/9711QOR-C - SES-4 (S2828) - (22.0 W.L.)

ESV/9711QOR-KU - ALSAT - (ALSAT)

ESV/9711QOR-KU - NSS 9 - (177 W.L.)

ESV/9711QOR-KU - SES-4 (S2828) - (22.0 W.L.)

ESV/INTV100KU - ALSAT - (ALSAT)

ESV/INTV100KU - NSS 9 - (177 W.L.)

ESV/INTV100KU - SES-4 (S2828) - (22.0 W.L.)

ESV/INTV130KU - ALSAT - (ALSAT)

ESV/INTV130KU - NSS 9 - (177 W.L.)

ESV/INTV130KU - SES-4 (S2828) - (22.0 W.L.)

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

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

ESV/MIT/MVA120KU - ALSAT - (ALSAT)

ESV/MIT/MVA120KU - NSS 9 - (177 W.L.)

ESV/MIT/MVA120KU - SES-4 (S2828) - (22.0 W.L.)

ESV/MIT/MVA60KU - ALSAT - (ALSAT)

ESV/MIT/MVA60KU - NSS 9 - (177 W.L.)

ESV/MIT/MVA60KU - SES-4 (S2828) - (22.0 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 (S2463) - (20 W.L.)

REMOTE .90 M - NSS-7 (S2463) - (20 W.L.)

REMOTE .96 M - NSS-7 (S2463) - (20 W.L.)

REMOTE 1 - ALSAT - (ALSAT)

Remote 1.2m AVL - ALSAT - (ALSAT)

REMOTE 1.2M. FLYAWAY - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

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

SES-T/C-20130715-00612 E E000620 WATE, G.P.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: WATE, G.P.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 2

SES-T/C-20130715-00613 E E850115 Young Broadcasting of Richmond, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: YOUNG BROADCASTING OF RICHMOND, INC.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 1

SES-T/C-20130715-00614 E E990324 YOUNG BROADCASTING OF SAN FRANCISCO INC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: Young Broadcasting of San Francisco, Inc.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 1

SES-T/C-20130715-00615 E E880837 Young Broadcasting of Sioux Falls, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: Young Broadcasting of Sioux Falls, Inc.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 2

SES-T/C-20130715-00616 E E950479 Young Broadcasting of Albany, Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: YOUNG BROADCASTING OF ALBANY, INC.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 1

SES-T/C-20130715-00632 E E950480 WKRN, G.P.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: WKRN, G.P.
FROM: NEW YOUNG BROADCASTING HOLDING CO., INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 1

SES-T/C-20130717-00638 E E130005 Post-Merger Shareholders of Media General, Inc.
Application for Consent to Transfer of Control
Consummated Date Effective: 11/12/2013

Current Licensee: Media General Communications Holdings, LLC
FROM: MEDIA GENERAL, INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 6

SES-T/C-20130717-00639 E E030220 Post-Merger Shareholders of Media General, Inc.
Application for Consent to Transfer of Control
Consummated Date Effective: 11/12/2013

Current Licensee: Media General Communications Holdings, LLC
FROM: MEDIA GENERAL, INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 4

SES-T/C-20130717-00640 E E000732 Post-Merger Shareholders of Media General, Inc.
Application for Consent to Transfer of Control
Consummated Date Effective: 11/12/2013

Current Licensee: Media General Communications Holdings, LLC
FROM: MEDIA GENERAL, INC.
TO: Post-Merger Shareholders of Media General, Inc.

No. of Station(s) listed: 12

SES-T/C-20131107-00946 E E030179 Yellowstone LicenseCo LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 11/08/2013

Current Licensee: Yellowstone LicenseCo LLC
FROM: YELLOWSTONE INVESTORS LLC
TO: Yellowstone Television, LLC

No. of Station(s) listed: 2

Dismissal

SES-LIC-20130806-00683 E130145 Nexstar Broadcasting, Inc.

No technical data was included in the application. Originally granted via the EZ process, this application is being dismissed as incomplete.

SURRENDER

SES-LIC-20121105-00988 E120226 HNS License Sub, LLC

License is surrendered per letter dated September 30, 2013.

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