



# PUBLIC NOTICE

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

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

Report No. SES-01314

Wednesday January 19, 2011

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

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

SES-AFS-20101102-01376 E E940532 PanAmSat H-2 Licensee Corp.

Amendment

Class of Station: Fixed Earth Stations

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

SITE ID: Ellenwood

LOCATION: 2857 Fork Creek Church Road, DEKALB, ELLENWOOD, GA

33 ° 39 ' 50.40 " N LAT.

84 ° 16 ' 18.70 " W LONG.

ANTENNA ID:	7.2M	7.2 meters	GENERAL DYNAMICS	7.2KPK
	14497.6000 - 14498.4000 MHz	670KF1D	86.00 dBW	FM-COMMAND & / or Ranging tones
	14000.0000 - 14500.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
	14000.0000 - 14500.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
	14000.0000 - 14500.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
	14000.0000 - 14500.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
	14000.0000 - 14500.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC
	14000.0000 - 14500.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
	14000.0000 - 14500.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA

---

14000.0000 - 14250.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
14000.0000 - 14250.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
14000.0000 - 14250.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
14000.0000 - 14250.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA
13998.6000 - 13999.4000 MHz	670KF1D	83.50 dBW	FM-COMMAND & / or Ranging tones
13997.5000 - 13998.5000 MHz	890KF2D	83.50 dBW	FM-COMMAND & / or Ranging tones
13954.0000 - 13992.0000 MHz	36M0G7W	75.00 dBW	Digital TV - MCPC
13954.0000 - 13992.0000 MHz	18M0G7W	72.00 dBW	Digital TV - MCPC
13814.0000 - 13954.0000 MHz	36M0F9W	75.00 dBW	TELEVISION/FM
13814.0000 - 13954.0000 MHz	18M0F9W	72.00 dBW	TELEVISION/FM
13814.0000 - 13954.0000 MHz	36M0G7W	75.00 dBW	DIGITAL TV-SCPC
13814.0000 - 13954.0000 MHz	18M0G7W	72.00 dBW	DIGITAL TV-SCPC
13814.0000 - 13954.0000 MHz	6M85G7W	69.00 dBW	DIGITAL TV-SCPC
13814.0000 - 13954.0000 MHz	2M90G7W	70.40 dBW	DIGITAL TV-SCPC
13814.0000 - 13954.0000 MHz	2M20G2W	69.20 dBW	SCPC DATA
13814.0000 - 13954.0000 MHz	375KG2W	68.00 dBW	SCPC DATA
13756.0000 - 13814.0000 MHz	36M0G7W	75.00 dBW	Digital TV - MCPC
13756.0000 - 13814.0000 MHz	18M0G7W	72.00 dBW	Digital TV - MCPC
12750.0000 - 13250.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
12750.0000 - 13250.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
12750.0000 - 13250.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
12750.0000 - 13250.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
12750.0000 - 13250.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC

---

12750.0000 - 13250.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
12750.0000 - 13250.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA
11700.0000 - 12200.0000 MHz	30M0F8F		TELEVISION/FM
11700.0000 - 12200.0000 MHz	16M0F8F		TELEVISION/FM
11700.0000 - 12200.0000 MHz	2M70G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	6M40G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	8M00G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	24M0G7F		Digital TV - MCPC
11700.0000 - 12200.0000 MHz	1M36G2W		SCPC DATA
11450.9000 - 11451.1000 MHz	80K0P7D		PM/PSK - 2 - Telemetry
11450.0000 - 11700.0000 MHz	30M0F8F		TELEVISION/FM
11450.0000 - 11700.0000 MHz	16M0F8F		TELEVISION/FM
11450.0000 - 11700.0000 MHz	2M70G7F		DIGITAL TV - SCPC
11450.0000 - 11700.0000 MHz	6M40G7F		DIGITAL TV-SCPC
11450.0000 - 11700.0000 MHz	8M00G7F		DIGITAL TV-SCPC
11450.0000 - 11700.0000 MHz	24M0G7F		Digital TV - MCPC
11450.0000 - 11700.0000 MHz	1M36G2W		SCPC DATA
11446.9000 - 11449.1000 MHz	180KP7D		PM/PSK - 2 - Telemetry
11200.0000 - 11450.0000 MHz	30M0F8F		TELEVISION/FM
11200.0000 - 11450.0000 MHz	16M0F8F		TELEVISION/FM
11200.0000 - 11450.0000 MHz	2M70G7F		DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	6M40G7F		DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	8M00G7F		DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	24M0G7F		Digital TV - MCPC
11200.0000 - 11450.0000 MHz	1M36G2W		SCPC DATA
10950.0000 - 11200.0000 MHz	18M0F9W		Analog TV/FM

---

10950.0000 - 11200.0000 MHz	18M0G7W		Digital TV - SCPC
10950.0000 - 11200.0000 MHz	6M85G7W		Digital TV - SCPC
10950.0000 - 11200.0000 MHz	2M90G7W		Digital TV - MCPC
10950.0000 - 11200.0000 MHz	2M20G7W		Digital TV - SCPC
10950.0000 - 11200.0000 MHz	375KG7W		SCPC DATA
10950.0000 - 11200.0000 MHz	36M0F9W		Analog TV/FM
10950.0000 - 11200.0000 MHz	36M0G7W		Digital TV - SCPC
10700.0000 - 10950.0000 MHz	30M0F8F		TELEVISION/FM
10700.0000 - 10950.0000 MHz	16M0F8F		TELEVISION/FM
10700.0000 - 10950.0000 MHz	2M70G7F		DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	6M40G7F		DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	8M00G7F		DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	24M0G7F		Digital TV - MCPC
10700.0000 - 10950.0000 MHz	1M36G2W		SCPC DATA
10950.0000 - 11200.0000 MHz	300KF3D		TT&C CARRIER
11450.0000 - 12200.0000 MHz	300KF3D		TT&C CARRIER
13750.0000 - 13772.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
14000.0000 - 14500.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
10950.0000 - 11200.0000 MHz	1M00G7F		DIGITAL VIDEO
10950.0000 - 11200.0000 MHz	36M0G7F		DIGITAL VIDEO
11450.0000 - 12200.0000 MHz	1M00G7F		DIGITAL VIDEO
11450.0000 - 12200.0000 MHz	36M0G7F		DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	1M00G7F	68.40 dBW	DIGITAL VIDEO
14000.0000 - 14500.0000 MHz	36M0G7F	83.90 dBW	DIGITAL VIDEO
13772.0000 - 13778.0000 MHz	6M00G7W	70.00 dBW	DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO AND DATA

---

10950.0000 - 11200.0000 MHz	56K0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 12200.0000 MHz	56K0G7W		DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	83.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	56K0G7W	55.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
13778.0000 - 14000.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
13246.5000 - 13246.5000 MHz	750KF2D	78.40 dBW	TT&C CARRIER
13995.5000 - 13995.5000 MHz	750KF2D	78.40 dBW	TT&C CARRIER
13750.0000 - 13772.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
13778.0000 - 14000.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
14000.0000 - 14500.0000 MHz	950KF3D	80.00 dBW	TT&C CARRIER
14000.0000 - 14500.0000 MHz	1M00G7F	68.40 dBW	DITGITAL VIDEO
14000.0000 - 14500.0000 MHz	36M0G7F	83.90 dBW	DIGITAL VIDEO
13772.0000 - 13778.0000 MHz	6M00G7W	70.00 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	36M0G7W	83.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
14000.0000 - 14500.0000 MHz	56K0G7W	55.90 dBW	DIGITAL VIDEO, AUDIO AND DATA
11449.0000 - 11449.0000 MHz	300KF2D		TT&C CARRIER
11448.0000 - 11448.0000 MHz	300KF2D		TT&C CARRIER
10950.0000 - 11200.0000 MHz	300KF3D		TT&C CARRIER
11450.0000 - 12200.0000 MHz	300KF3D		TT&C CARRIER
10950.0000 - 11200.0000 MHz	1M00G7F		DIGITAL VIDEO
10950.0000 - 11200.0000 MHz	36M0G7F		DIGITAL VIDEO
11450.0000 - 12200.0000 MHz	1M00G7F		DIGITAL VIDEO
11450.0000 - 12200.0000 MHz	36M0G7F		DIGITAL VIDEO
10950.0000 - 11200.0000 MHz	36M0G7F		DIGITAL VIDEO, AUDIO AND DATA
10950.0000 - 11200.0000 MHz	56K0G7W		DIGITAL VIDEO, AUDIO AND DATA

11450.0000 - 12200.0000 MHz	36M0G7W		DIGITAL VIDEO, AUDIO AND DATA
11450.0000 - 12200.0000 MHz	56K0G7W		DIGITAL VIDEO, AUDIO AND DATA
ANTENNA ID: 11.1M/K3	11.1 meters	VERTEX	11 KPK
14497.6000 - 14498.4000 MHz	670KF1D	86.00 dBW	FM-COMMAND & / or Ranging tones
14000.0000 - 14500.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
14000.0000 - 14500.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
14000.0000 - 14500.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
14000.0000 - 14500.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
14000.0000 - 14500.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC
14000.0000 - 14500.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
14000.0000 - 14500.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA
14000.0000 - 14250.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
14000.0000 - 14250.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
14000.0000 - 14250.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC
14000.0000 - 14250.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
14000.0000 - 14250.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA
13998.6000 - 13999.4000 MHz	670KF1D	83.50 dBW	FM-COMMAND & / or Ranging tones
13997.5000 - 13998.5000 MHz	890KF2D	83.50 dBW	FM-COMMAND & / or Ranging tones
13954.0000 - 13992.0000 MHz	36M0G7W	75.00 dBW	Digital TV - MCPC
13954.0000 - 13992.0000 MHz	18M0G7W	72.00 dBW	Digital TV - MCPC
13814.0000 - 13954.0000 MHz	36M0F9W	75.00 dBW	ANALOG TV
13814.0000 - 13954.0000 MHz	18M0F9W	72.00 dBW	ANALOG TV
13814.0000 - 13954.0000 MHz	36M0G7W	75.00 dBW	Digital TV - SCPC
13814.0000 - 13954.0000 MHz	18M0G7W	72.00 dBW	Digital TV - SCPC

---

13814.0000 - 13954.0000 MHz	6M85G7W	69.00 dBW	Digital TV - SCPC
13814.0000 - 13954.0000 MHz	2M90G7W	70.40 dBW	Digital TV - MCPC
13814.0000 - 13954.0000 MHz	2M20G7W	69.20 dBW	Digital TV - SCPC
13814.0000 - 13954.0000 MHz	375KG7W	68.00 dBW	Digital TV - SCPC
13756.0000 - 13814.0000 MHz	36M0G7W	75.00 dBW	Digital TV - MCPC
13756.0000 - 13814.0000 MHz	18M0G7W	72.00 dBW	Digital TV - MCPC
12750.0000 - 13250.0000 MHz	30M0F8F	84.00 dBW	TELEVISION/FM
12750.0000 - 13250.0000 MHz	16M0F8F	81.00 dBW	TELEVISION/FM
12750.0000 - 13250.0000 MHz	2M70G7F	63.60 dBW	DIGITAL TV-SCPC
12750.0000 - 13250.0000 MHz	6M40G7F	66.70 dBW	DIGITAL TV-SCPC
12750.0000 - 13250.0000 MHz	8M00G7F	67.50 dBW	DIGITAL TV-SCPC
12750.0000 - 13250.0000 MHz	24M0G7F	82.40 dBW	Digital TV - MCPC
12750.0000 - 13250.0000 MHz	1M36G2W	60.40 dBW	SCPC DATA
11700.0000 - 12200.0000 MHz	30M0F8F		TELEVISION/FM
11700.0000 - 12200.0000 MHz	16M0F8F		TELEVISION/FM
11700.0000 - 12200.0000 MHz	2M70G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	6M40G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	8M00G7F		DIGITAL TV-SCPC
11700.0000 - 12200.0000 MHz	24M0G7F		Digital TV - MCPC
11700.0000 - 12200.0000 MHz	1M36G2W		SCPC DATA
11450.9000 - 11451.1000 MHz	80K0P7D		PM/PSK - 2 - Telemetry
11450.0000 - 11700.0000 MHz	30M0F8F		TELEVISION/FM
11450.0000 - 11700.0000 MHz	16M0F8F		TELEVISION/FM
11450.0000 - 11700.0000 MHz	2M70G7F		DIGITAL TV-SCPC
11450.0000 - 11700.0000 MHz	6M40G7F		DIGITAL TV-SCPC
11450.0000 - 11700.0000 MHz	8M00G7F		DIGITAL TV-SCPC

---

11450.0000 - 11700.0000 MHz	24M0G7F	Digital TV - MCPC
11450.0000 - 11700.0000 MHz	1M36G2W	SCPC DATA
11446.9000 - 11449.1000 MHz	180KP7D	PM/PSK - 2 - Telemetry
11200.0000 - 11450.0000 MHz	30M0F8F	TELEVISION/FM
11200.0000 - 11450.0000 MHz	16M0F8F	TELEVISION/FM
11200.0000 - 11450.0000 MHz	2M70G7F	DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	6M40G7F	DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	8M00G7F	DIGITAL TV-SCPC
11200.0000 - 11450.0000 MHz	24M0G7F	Digital TV - MCPC
11200.0000 - 11450.0000 MHz	1M36G2W	SCPC DATA
10700.0000 - 10950.0000 MHz	30M0F8F	TELEVISION/FM
10700.0000 - 10950.0000 MHz	16M0F8F	TELEVISION/FM
10700.0000 - 10950.0000 MHz	2M70G7F	DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	6M40G7F	DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	8M00G7F	DIGITAL TV-SCPC
10700.0000 - 10950.0000 MHz	24M0G7F	Digital TV - MCPC
10700.0000 - 10950.0000 MHz	1M36G2W	SCPC DATA

**Points of Communication:**

Ellenwood - ALSAT - (ALSAT)

Ellenwood - INTELSAT 11 - (43.0 W.L.)

Ellenwood - INTELSAT IR - (310.0 E.L.)

---

**SES-MFS-20101230-01641** E E000166 HNS LICENSE SUB, LLC

Modification

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

"MOD" to change frequencies on Hub-H, Point of Communications for remote and Hub, Model numbers for remote terminal, and remove unused remote antenna type on it's existing VSAT Network Sysems.

SITE ID: TR 1.2M

LOCATION: VSAT 1.2M (100,000 UNITS) CONUS, AK, HI, VI, PR



ANTENNA ID:	TR 1.2M	1.2 meters	PRODELIN CORP.	1134
	14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	800KG7D	46.10 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TR 1.8M  
LOCATION: VSAT 1.8M (50,000 UNITS) CONUS, AK, HI, VI, PR

ANTENNA ID:	TR 1.8	1.8 meters	PRODELIN CORP.	1184
	14000.0000 - 14500.0000 MHz	800KG7D	49.70 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7D	49.70 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	200KG7D	49.70 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
	14000.0000 - 14500.0000 MHz	400KG7D	49.70 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
	11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER



11700.0000 - 12200.0000 MHz	36M0G7D	OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D	OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: TF TR 98CM

LOCATION: VSAT 0.98M temporary-fixed (54,000 UNITS), CONUS, AK, HI, PR, VI

ANTENNA ID: TF TR 98CM	0.98 meters	PRODELIN	3981-226;9008688
14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW	DIGITAL, PSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW	DIGITAL, PSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW	DIGITAL, PSK, DIGITAL, 1024 KSPS, RETURN CARRIER

ANTENNA ID: TFTR 98CM      0.98 meters      RAVEN MANUFACTURING LIMITED      HNS-AN-98R-KU

SITE ID: TF TR 74CM

LOCATION: VSAT 0.74M (98 x 56 cm) temporary-fixed (60,200 UNITS), CONUS, AK, HI, PR, VI

ANTENNA ID: TF TR 74	0.74 meters	PRODELIN	HANT-91TR
14000.0000 - 14500.0000 MHz	200KG7D	42.00 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7W	42.00 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER

14000.0000 - 14500.0000 MHz	1M60G7D	42.00 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	42.00 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: HUB-A

LOCATION: 7.6M.(HUB) 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD

39 ° 10 ' 49.00 " N LAT.

77 ° 14 ' 47.00 " W LONG.

ANTENNA ID:	HubA7.6M	7.6 meters	ANDREW CORP.	ES76K-1
14000.0000 - 14500.0000 MHz	24M0G7D	78.00 dBW	PSK, DATA, 20 MSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	36M0G7D	78.00 dBW	PSK, DATA, 30 MSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	400KG7D	47.90 dBW	PSK, DATA, 256 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7D	53.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER	
11700.0000 - 12200.0000 MHz	200KG7D		PSK, DIGITAL, 128 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER	
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	1M60G7D		PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER	

---

SITE ID: MESH 3.5M  
LOCATION: 11717 EXPLORATION LANE (5,000 3.5M UNITS), CONUS, AK, HI, VI, P

ANTENNA ID: MESH 3.5M      3.5 meters      COMTECH      846400G1

14000.0000 - 14500.0000 MHz      2M46G7D      66.20 dBW      BPSK OR OQPSK, DATA, MESH CARRIER

11700.0000 - 12200.0000 MHz      2M46G7D      BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: MESH 1.8M  
LOCATION: (5,000 1.8M UNITS), CONUS, AK, HI, PR, V

ANTENNA ID: MESH 1.8M      1.8 meters      HUGHES NETWORK SYSTEMS      PES-RFT-180

14000.0000 - 14500.0000 MHz      156KG7D      48.60 dBW      BPSK OR OQPSK, DATA, MESH CARRIER

11700.0000 - 12200.0000 MHz      156KG7D      BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: MESH 2.4M  
LOCATION: (5,000 2.4M UNITS), CONUS, AK, HI, PR, V

ANTENNA ID: MESH 2.4M      2.4 meters      HUGHES NETWORK SYSTEMS      PES-RFT-240

14000.0000 - 14500.0000 MHz      307KG7D      53.70 dBW      BPSK OR OQPSK, DATA, MESH CARRIER

11700.0000 - 12200.0000 MHz      307KG7D      BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: MESH 1.2M  
LOCATION: (5,000 1.2M UNITS), CONUS, AK, HI, PR, V

ANTENNA ID: MESH 1.2M      1.2 meters      HUGHES NETWORK SYTEMS      PES-RFT-120

14000.0000 - 14500.0000 MHz      156KG7D      45.00 dBW      BPSK OR OQPSK, DATA, MESH CARRIER

11700.0000 - 12200.0000 MHz      156KG7D      0.00 dBW      BPSK OR OQPSK, DATA, MESH CARRIER

SITE ID: TR 74-2 CM  
LOCATION: CONUS, AK, HI, VI, PR 500,000 (.74 METER ANTENNAS)

ANTENNA ID: TR 74-2      0.74 meters      RAVEN; PRODELIN      HNS-1035610 ;1741

14000.0000 - 14500.0000 MHz      200KG7D      41.70 dBW      OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER

14000.0000 - 14500.0000 MHz      400KG7D      41.70 dBW      OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER

14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA

SITE ID: TFTR 74-2CM  
LOCATION: CONUS, AK, HI, VI, PR 50,000 (.74 METER ANTENNAS)

ANTENNA ID: TFTR 74-2C      0.74 meters      RAVEN; PRODELIN      HNS-1035610;1741

14000.0000 - 14500.0000 MHz	200KG7D	41.70 dBW	QPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	41.70 dBW	QPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	41.70 dBW	QPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	41.70 dBW	QPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		QPSK, DATA, 5 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	12M0G7D		QPSK, DATA, 10 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	24M0G7D		QPSK, DATA, 20 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	36M0G7D		QPSK, DATA, 30 MSPS, MULTIMEDIA

SITE ID: HUB H (11.1M)  
LOCATION: 17633 TECHNOLOGY BLVD. (11.1M.HUB), WASHINGTON, HAGERSTOWN, MD  
39 ° 35 ' 56.30 " N LAT.      77 ° 45 ' 17.90 " W LONG.

ANTENNA ID: HUB H 11-1      11.1 meters      VERTEX      11.1 KPK

14470.0000 - 14497.0000 MHz	6M00G7D	79.60 dBW	DIGITAL, PSK, DATA, 5 MSPS, OUTROUTE
-----------------------------	---------	-----------	---

---

14470.0000 - 14497.0000 MHz	12M0G7D	82.60 dBW	DIGITAL, PSK, DATA, 10 MSPS, OUTROUTE
14470.0000 - 14497.0000 MHz	24M0G7D	85.60 dBW	DIGITAL, PSK, DATA, 20 MSPS, OUTROUTE
14102.0000 - 14318.0000 MHz	36M0G7D	87.40 dBW	DIGITAL, PSK, DATA, 30 MSPS, OUTROUTE
14102.0000 - 14318.0000 MHz	6M00G7D	79.60 dBW	DIGITAL, PSK, DATA, 5 MSPS, OUTROUTE
14253.0000 - 14311.0000 MHz	12M0G7D	82.60 dBW	DIGITAL, PSK, DATA, 10 MSPS, OUTROUTE
14253.0000 - 14311.0000 MHz	24M0G7D	85.60 dBW	DIGITAL, PSK, DATA, 20 MSPS, OUTROUTE
14253.0000 - 14311.0000 MHz	36M0G7D	87.40 dBW	DIGITAL, PSK, DATA, 30 MSPS, OUTROUTE
14246.5000 - 14366.5000 MHz	6M00G7D	79.60 dBW	DIGITAL, PSK, DATA, 5 MSPS, OUTROUTE
14246.5000 - 14366.5000 MHz	12M0G7D	82.60 dBW	DIGITAL, PSK, DATA, 10 MSPS, OUTROUTE
14246.5000 - 14366.5000 MHz	24M0G7D	85.60 dBW	DIGITAL, PSK, DATA, 20 MSPS, OUTROUTE
14246.5000 - 14366.5000 MHz	36M0G7D	87.40 dBW	DIGITAL, PSK, DATA, 30 MSPS, OUTROUTE
14122.5000 - 14149.5000 MHz	6M00G7D	79.60 dBW	DIGITAL, PSK, DATA, 5 MSPS, OUTROUTE
14122.5000 - 14149.5000 MHz	12M0G7D	82.60 dBW	DIGITAL, PSK, DATA, 10 MSPS, OUTROUTE
14122.5000 - 14149.5000 MHz	24M0G7D	85.60 dBW	DIGITAL, PSK, DATA, 20 MSPS, OUTROUTE
14122.5000 - 14149.5000 MHz	36M0G7D	87.40 dBW	DIGITAL, PSK, DATA, 30 MSPS, OUTROUTE
14069.0000 - 14123.0000 MHz	6M00G7D	79.60 dBW	DIGITAL, PSK, DATA, 5 MSPS, OUTROUTE
14069.0000 - 14123.0000 MHz	12M0G7D	82.60 dBW	DIGITAL, PSK, DATA, 10 MSPS, OUTROUTE
14069.0000 - 14123.0000 MHz	24M0G7D	85.60 dBW	DIGITAL, PSK, DATA, 20 MSPS, OUTROUTE
14069.0000 - 14123.0000 MHz	36M0G7D	87.40 dBW	DIGITAL, PSK, DATA, 30 MSPS, OUTROUTE

---

12170.0000 - 12197.0000 MHz	200KG7D	DIGITAL, PSK, DATA, 128 KSPS, INROUTE
12170.0000 - 12197.0000 MHz	400KG7D	DIGITAL, PSK, DATA, 256 KSPS, INROUTE
12170.0000 - 12197.0000 MHz	800KG7D	DIGITAL, PSK, DATA, 512 KSPS, INROUTE
11802.0000 - 12018.0000 MHz	1M60G7D	DIGITAL, PSK, DATA, 1024 KSPS, INROUTE
11802.0000 - 12018.0000 MHz	200KG7D	DIGITAL, PSK, DATA, 128 KSPS, INROUTE
11953.0000 - 12011.0000 MHz	400KG7D	DIGITAL, PSK, DATA, 256 KSPS, INROUTE
11953.0000 - 12011.0000 MHz	800KG7D	DIGITAL, PSK, DATA, 512 KSPS, INROUTE
11953.0000 - 12011.0000 MHz	1M60G7D	DIGITAL, PSK, DATA, 1024 KSPS, INROUTE
11946.5000 - 12066.5000 MHz	200KG7D	DIGITAL, PSK, DATA, 128 KSPS, INROUTE
11946.5000 - 12066.5000 MHz	400KG7D	DIGITAL, PSK, DATA, 256 KSPS, INROUTE
11946.5000 - 12066.5000 MHz	800KG7D	DIGITAL, PSK, DATA, 512 KSPS, INROUTE
11946.5000 - 12066.5000 MHz	1M60G7D	DIGITAL, PSK, DATA, 1024 KSPS, INROUTE
11822.5000 - 11849.5000 MHz	200KG7D	DIGITAL, PSK, DATA, 128 KSPS, INROUTE
11822.5000 - 11849.5000 MHz	400KG7D	DIGITAL, PSK, DATA, 256 KSPS, INROUTE
11822.5000 - 11849.5000 MHz	800KG7D	DIGITAL, PSK, DATA, 512 KSPS, INROUTE
11822.5000 - 11849.5000 MHz	1M60G7D	DIGITAL, PSK, DATA, 1024 KSPS, INROUTE
11769.0000 - 11823.0000 MHz	200KG7D	DIGITAL, PSK, DATA, 128 KSPS, INROUTE
11769.0000 - 11823.0000 MHz	400KG7D	DIGITAL, PSK, DATA, 256 KSPS, INROUTE
11769.0000 - 11823.0000 MHz	800KG7D	DIGITAL, PSK, DATA, 512 KSPS, INROUTE



11769.0000 - 11823.0000 MHz	1M60G7D			DIGITAL, PSK, DATA, 1024 KSPS, INROUTE
SITE ID: HUB 1 (3.9 M)				
LOCATION: (3.9M.HUB1), MONTGOMERY, GERMANTOWN, MD				
ANTENNA ID: HUB 1	3.9 meters	ANDREW CORPORATION		MILSATCOM 3.9 METER
14000.0000 - 14500.0000 MHz	36M0G7D	77.60 dBW		PSK, DATA, 30 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	64.80 dBW		PSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D			PSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D			PSK, DATA, 1024 KSPS, INROUTE CARRIER
SITE ID: TR 98CM				
LOCATION: 200,000 (98CM ANTENNAS) CONUS, AK, HI, VI, PR				
ANTENNA ID: TR 98CM	0.98 meters	PRODELIN		3981-226;9008688
117700.000 - 12200.0000 MHz	36M0G7D			OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW		OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW		OQPSK, DIGITAL, 1024 KSPS, REURN CARRIER
14000.0000 - 14500.0000 MHz	200KG7D	44.30 dBW		DIGITAL PSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	44.30 dBW		DIGITAL PSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	44.30 dBW		DIGITAL PSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	44.30 dBW		DIGITAL PSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D			DIGITAL PSK, DATA, 5 MSPS, MULTIMEDIA

11700.0000 - 12200.0000 MHz	12M0G7D			DIGITAL PSK, DATA, 10 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	24M0G7D			DIGITAL PSK, DATA, 20 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	36M0G7D			DIGITAL PSK, DATA, 30 MSPS, MULTIMEDIA
11700.0000 - 12200.0000 MHz	6M00G7D			OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D			OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D			OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
ANTENNA ID:	TR 98CM-2	0.98 meters	RAVEN MANUFACTURING LIMITED	3981-226;9008688
SITE ID:	TF TR 1.2M			
LOCATION:	CONUS, AK, HI, PR, VI 1.2 M (50,000 UNITS)			
ANTENNA ID:	TF TR 1.2	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	200KG7D	46.10 dBW		OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	46.10 dBW		OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7W	46.10 dBW		OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	46.10 dBW		OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D			OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D			OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D			OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D			OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER



11700.0000 - 12200.0000 MHz	200KG7D	PSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D	BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D	PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER

SITE ID: TR 2.4M  
LOCATION: VSAT 2.4M (11,000 units), CONUS, AK, HI, VI, P

ANTENNA ID: TR 2.4M	2.4 meters	PRODELIN CORP.	1244
14000.0000 - 14500.0000 MHz	200KG7D	52.20 dBW	OQPSK, DIGITAL, 128 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	400KG7D	52.20 dBW	OQPSK, DIGITAL, 256 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	800KG7D	52.20 dBW	OQPSK, DIGITAL, 512 KSPS, RETURN CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	52.20 dBW	OQPSK, DIGITAL, 1024 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	24M0G7D		OQPSK, DATA, 20 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	36M0G7D		OQPSK, DATA, 30 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER

SITE ID: HUB-D 7.6M  
LOCATION: 11717 EXPLORATION LANE (7.6M. HUB), MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 42.00 " N LAT. 77 ° 14 ' 53.00 " W LONG.

ANTENNA ID: HubD 7.6M	7.6 meters	NEC	APS-12/14-F0764A
14000.0000 - 14500.0000 MHz	400KG7D	59.00 dBW	PSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	65.00 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER

14000.0000 - 14500.0000 MHz	6M00G7D	70.80 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	73.80 dBW	PSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		PSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER

SITE ID: HUB-E 6.1M

LOCATION: 11717 EXPLORATION LANE (6.1M. HUB), MONTGOMERY, GERMANTOWN, MD

39 ° 10 ' 46.00 " N LAT.

77 ° 14 ' 49.00 " W LONG.

ANTENNA ID:	HubE 6.1M	6.1 meters	VERTEX	6.1KPK
14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	PSK, DATA, 256 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER	
14000.0000 - 14500.0000 MHz	24M0G7D	79.70 dBW	PSK, DATA, 20 MSPS, OUTROUTE CARRIER	
14000.0000 - 14500.0000 MHz	36M0G7D	97.70 dBW	PSK, DATA, 30 MSPS, OUTROUTE CARRIER	
11700.0000 - 12200.0000 MHz	200KG7D		PSK, DATA, 128 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER	
11700.0000 - 12200.0000 MHz	200KG7D		PSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER	
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER	

11700.0000 - 12200.0000 MHz	800KG7D	BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D	PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER

SITE ID: HUB-F 5.6M  
LOCATION: 11717 EXPLORATION LANE (5.6M. HUB), MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 46.00 " N LAT. 77 ° 14 ' 54.00 " W LONG.

ANTENNA ID: HubF 5.6M 5.6 meters ANDREW ES56-1

14000.0000 - 14500.0000 MHz	400KG7D	52.90 dBW	PSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	58.90 dBW	BPSK, DATA, 1024 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	6M00G7D	67.70 dBW	OQPSK, DATA, 5 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	70.70 dBW	OQPSK, DATA, 10 MSPS, MULTIMEDIA BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	24M0G7D	77.70 dBW	PSK, DATA, 20 MSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	36M0G7D	77.70 dBW	PSK, DATA, 30 MSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		PSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		OQPSK, DATA, 256 KSPS, RETURN CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		BPSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 522 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER

SITE ID: HUB-G 4.6M  
LOCATION: 10450 PACIFIC CENTER COURT (4.6M. HUB), SAN DIEGO, SAN DIEGO, CA  
32 ° 54 ' 31.00 " N LAT. 117 ° 11 ' 26.00 " W LONG.

ANTENNA ID: HubG 4.6M 4.6 meters VERTEX 4.57KPK

---

14000.0000 - 14500.0000 MHz	400KG7D	57.50 dBW	PSK, DATA, 256 KSPS, OUTROUTE CARRIER
14000.0000 - 14500.0000 MHz	1M60G7D	57.50 dBW	PSK, DATA, 1024 KSPS, OUTROUTE CARRIER
11700.0000 - 12200.0000 MHz	200KG7D		PSK OR MSK, DATA, 128 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	400KG7D		BPSK OR MSK, DATA, 256 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	800KG7D		BPSK OR MSK, DATA, 512 KSPS, INROUTE CARRIER
11700.0000 - 12200.0000 MHz	1M60G7D		PSK, DIGITAL, 1024 KSPS, INROUTE CARRIER

**Points of Communication:**

- HUB 1 (3.9 M) - ALSAT - (ALSAT)
- HUB H (11.1M) - GALAXY 25 - (97 W.L.)
- HUB H (11.1M) - GALAXY 26 - (93 W.L.)
- HUB H (11.1M) - INTELSAT AMERICAS-6 - (93 W.L.)
- HUB-A - ALSAT - (ALSAT)
- HUB-A - GALAXY 10R - (123 W.L.)
- HUB-A - HORIZONS 1 - (127 WL)
- HUB-A - IA-8 - (89 W.L.)
- HUB-A - SATMEX-5 - (116.8 W.L.)
- HUB-B - ALSAT - (ALSAT)
- HUB-B - GALAXY 10R - (123 W.L.)
- HUB-B - HORIZONS 1 - (127 WL)
- HUB-B - IA-8 - (89 W.L.)
- HUB-B - SATMEX-5 - (116.8 W.L.)
- HUB-C 7.6M - ALSAT - (ALSAT)
- HUB-C 7.6M - GALAXY 10R - (123 W.L.)
- HUB-C 7.6M - HORIZONS 1 - (127 WL)
- HUB-C 7.6M - IA-8 - (89 W.L.)
- HUB-C 7.6M - SATMEX-5 - (116.8 W.L.)

---

HUB-D 7.6M - ALSAT - (ALSAT)  
HUB-D 7.6M - GALAXY 10R - (123 W.L.)  
HUB-D 7.6M - HORIZONS 1 - (127 WL)  
HUB-D 7.6M - IA-8 - (89 W.L.)  
HUB-D 7.6M - SATMEX-5 - (116.8 W.L.)  
HUB-E 6.1M - ALSAT - (ALSAT)  
HUB-E 6.1M - GALAXY 10R - (123 W.L.)  
HUB-E 6.1M - HORIZONS 1 - (127 WL)  
HUB-E 6.1M - IA-8 - (89 W.L.)  
HUB-E 6.1M - SATMEX-5 - (116.8 W.L.)  
HUB-F 5.6M - ALSAT - (ALSAT)  
HUB-F 5.6M - GALAXY 10R - (123 W.L.)  
HUB-F 5.6M - HORIZONS 1 - (127 WL)  
HUB-F 5.6M - IA-8 - (89 W.L.)  
HUB-F 5.6M - SATMEX-5 - (116.8 W.L.)  
HUB-G 4.6M - ALSAT - (ALSAT)  
HUB-G 4.6M - SATMEX-5 - (116.8 W.L.)  
MESH 1.2M. - ALSAT - (ALSAT)  
MESH 1.8M - ALSAT - (ALSAT)  
MESH 2.4M - ALSAT - (ALSAT)  
R1.2M - SATMEX-5 - (116.8 W.L.)  
TF TR 1.2M - ALSAT - (ALSAT)  
TF TR 1.2M - SATMEX-5 - (116.8 W.L.)  
TF TR 74CM - AMC-3 - (87 W.L.)  
TF TR 74CM - AMC-4 (formerl GE-4 - (101 W.L.)  
TF TR 74CM - AMC-6 - (72 W.L.)  
TF TR 74CM - AMC-9 - (85 W.L.)  
TF TR 74CM - GALAXY 10R - (123 W.L.)  
TF TR 74CM - GALAXY 16 - (99 W.L.)  
TF TR 74CM - GALAXY 17 - (91 W.L.)



---

TF TR 74CM - GALAXY 18 - (123 W.L.)

TF TR 74CM - GALAXY 19 - (97 W.L.)

TF TR 74CM - GALAXY III-C - (95 W.L.)

TF TR 74CM - GALAXY XI - (91 W.L.)

TF TR 74CM - HORIZONS 1 - (127 WL)

TF TR 74CM - IA-8 - (89 W.L.)

TF TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 74CM - INTELSAT AMERICAS-6 - (93 W.L.)

TF TR 74CM - SATMEX 6 - (113 W.L.)

TF TR 74CM - SATMEX-5 - (116.8 W.L.)

TF TR 98CM - AMC-3 - (87 W.L.)

TF TR 98CM - AMC-4 (formerl GE-4 - (101 W.L.)

TF TR 98CM - AMC-6 - (72 W.L.)

TF TR 98CM - AMC-9 - (85 W.L.)

TF TR 98CM - GALAXY 10R - (123 W.L.)

TF TR 98CM - GALAXY 16 - (99 W.L.)

TF TR 98CM - GALAXY 17 - (91 W.L.)

TF TR 98CM - GALAXY 18 - (123 W.L.)

TF TR 98CM - GALAXY 19 - (97 W.L.)

TF TR 98CM - GALAXY III-C - (95 W.L.)

TF TR 98CM - GALAXY XI - (91 W.L.)

TF TR 98CM - HORIZONS 1 - (127 WL)

TF TR 98CM - IA-8 - (89 W.L.)

TF TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)

TF TR 98CM - INTELSAT AMERICAS-6 - (93 W.L.)

TF TR 98CM - SATMEX 6 - (113 W.L.)

TF TR 98CM - SATMEX-5 - (116.8 W.L.)

TFTR 74-2CM - AMC-3 - (87 W.L.)

TFTR 74-2CM - AMC-4 (formerl GE-4 - (101 W.L.)

TFTR 74-2CM - AMC-6 - (72 W.L.)

---

TFTR 74-2CM - AMC-9 - (85 W.L.)

TFTR 74-2CM - GALAXY 10R - (123 W.L.)

TFTR 74-2CM - GALAXY 16 - (99 W.L.)

TFTR 74-2CM - GALAXY 17 - (91 W.L.)

TFTR 74-2CM - GALAXY 18 - (123 W.L.)

TFTR 74-2CM - GALAXY 19 - (97 W.L.)

TFTR 74-2CM - GALAXY III-C - (95 W.L.)

TFTR 74-2CM - GALAXY XI - (91 W.L.)

TFTR 74-2CM - HORIZONS 1 - (127 WL)

TFTR 74-2CM - IA-8 - (89 W.L.)

TFTR 74-2CM - INTELSAT AMERICAS 5 - (97 W.L.)

TFTR 74-2CM - INTELSAT AMERICAS-6 - (93 W.L.)

TFTR 74-2CM - SATMEX 6 - (113 W.L.)

TFTR 74-2CM - SATMEX-5 - (116.8 W.L.)

TR 1.0M - ALSAT - (ALSAT)

TR 1.0M - SATMEX-5 - (116.8 W.L.)

TR 1.2M - ALSAT - (ALSAT)

TR 1.2M - SATMEX-5 - (116.8 W.L.)

TR 1.8M - ALSAT - (ALSAT)

TR 1.8M - SATMEX-5 - (116.8 W.L.)

TR 2.4M - ALSAT - (ALSAT)

TR 2.4M - SATMEX-5 - (116.8 W.L.)

TR 74-2 CM - AMC-3 - (87 W.L.)

TR 74-2 CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 74-2 CM - AMC-6 - (72 W.L.)

TR 74-2 CM - AMC-9 - (85 W.L.)

TR 74-2 CM - GALAXY 10R - (123 W.L.)

TR 74-2 CM - GALAXY 16 - (99 W.L.)

TR 74-2 CM - GALAXY 17 - (91 W.L.)

TR 74-2 CM - GALAXY 18 - (123 W.L.)

---

TR 74-2 CM - GALAXY 19 - (97 W.L.)

TR 74-2 CM - GALAXY III-C - (95 W.L.)

TR 74-2 CM - GALAXY XI - (91 W.L.)

TR 74-2 CM - HORIZONS 1 - (127 WL)

TR 74-2 CM - IA-8 - (89 W.L.)

TR 74-2 CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74-2 CM - INTELSAT AMERICAS-6 - (93 W.L.)

TR 74-2 CM - SATMEX 6 - (113 W.L.)

TR 74-2 CM - SATMEX-5 - (116.8 W.L.)

TR 74CM - AMC-3 - (87 W.L.)

TR 74CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 74CM - AMC-6 - (72 W.L.)

TR 74CM - AMC-9 - (85 W.L.)

TR 74CM - GALAXY 10R - (123 W.L.)

TR 74CM - GALAXY 17 - (91 W.L.)

TR 74CM - GALAXY 18 - (123 W.L.)

TR 74CM - GALAXY 19 - (97 W.L.)

TR 74CM - GALAXY 4R - (99 W.L.)

TR 74CM - GALAXY III-C - (95 W.L.)

TR 74CM - GALAXY XI - (91 W.L.)

TR 74CM - HORIZONS 1 - (127 WL)

TR 74CM - IA-8 - (89 W.L.)

TR 74CM - INTELSAT AMERICAS 5 - (97 W.L.)

TR 74CM - INTELSAT AMERICAS-6 - (93 W.L.)

TR 74CM - SATMEX 6 - (113 W.L.)

TR 74CM - SATMEX-5 - (116.8 W.L.)

TR 98CM - AMC-3 - (87 W.L.)

TR 98CM - AMC-4 (formerl GE-4 - (101 W.L.)

TR 98CM - AMC-6 - (72 W.L.)

TR 98CM - GALAXY 10R - (123 W.L.)

TR 98CM - GALAXY 16 - (99 W.L.)  
 TR 98CM - GALAXY 17 - (91 W.L.)  
 TR 98CM - GALAXY 18 - (123 W.L.)  
 TR 98CM - GALAXY 19 - (97 W.L.)  
 TR 98CM - GALAXY III-C - (95 W.L.)  
 TR 98CM - GALAXY XI - (91 W.L.)  
 TR 98CM - HORIZONS 1 - (127 WL)  
 TR 98CM - IA-8 - (89 W.L.)  
 TR 98CM - INTELSAT AMERICAS 5 - (97 W.L.)  
 TR 98CM - INTELSAT AMERICAS-6 - (93 W.L.)  
 TR 98CM - SATMEX 6 - (113 W.L.)  
 TR 98CM - SATMEX-5 - (116.8 W.L.)

**SES-REG-20101216-01600** E E100158 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1424 RICE AVEUNE, ALLEN, LIMA, OH

40 ° 44 ' 50.80 " N LAT.

84 ° 7 ' 53.50 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-REG-20101216-01601** E E100159 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 513 HAMPSHIRE STREET, ADAMS, QUINCY, IL

39 ° 56 ' 1.60 " N LAT.

91 ° 24 ' 29.20 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz	36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01602** E E100160 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 2625 S. MEMORIAL DRIVE, TULSA, TULSA, OK  
 36 ° 7 ' 29.30 " N LAT. 95 ° 52 ' 59.00 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz	36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01603** E E100161 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 3650 BRADDOCK STREET, #2, N. STAR BOROUGH, FAIRBANKS, AK  
 64 ° 48 ' 41.90 " N LAT. 147 ° 42 ' 9.60 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz	36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01604** E E100162 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

---

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 222 BOB BULLOCK ROAD, WEBB, LAREDO, TX  
27 ° 30 ' 1.80 " N LAT. 99 ° 25 ' 57.90 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01605** E E100163 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4261 SOUTHWEST FREEWAY, HARRIS, HOUSTON, TX  
29 ° 43 ' 44.70 " N LAT. 95 ° 26 ' 50.90 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01606** E E100164 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1000 N. 3RD STREET, MARATHON, WAUSAU, WI  
44 ° 57 ' 56.20 " N LAT. 89 ° 37 ' 39.90 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

---

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01607** E E100165 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 100 E. SPEER BOULEVARD, DENVER, DENVER, CO

39 ° 43 ' 28.80 " N LAT.

104 ° 59 ' 9.20 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz

36M0F8W

ANALOG VIDEO WITH  
ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01608** E E100166 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 10800 COLONEL GLENN ROAD, PULASKI, LITTLE ROCK, AR

34 ° 42 ' 51.50 " N LAT.

92 ° 23 ' 51.40 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz

36M0F8W

ANALOG VIDEO WITH  
ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz

36M0G7W

DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101216-01609** E E100167 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

---

SITE ID: 1  
LOCATION: 1 INDEPENDENCE SQUARE, JEFFERSON, LOUISEVILLE, KY  
38 ° 15 ' 3.70 " N LAT. 85 ° 45 ' 43.40 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.  
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-REG-20101216-01631 E E100189 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 631 MAINSTREAM DRIVE, DAVIDSON, NASHVILLE, TN  
36 ° 11 ' 54.80 " N LAT. 86 ° 49 ' 1.70 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.  
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01622 E E100180 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 699 HERTEL AVENUE, ERIE, BUFFALO, NY  
42 ° 56 ' 47.40 " N LAT. 78 ° 52 ' 55.30 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.  
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS  
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**



---

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01623 E E100181 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 6524 BUENA VISTA ROAD, MUSCOGEE, COLUMBUS, GA  
32 ° 27 ' 54.50 " N LAT. 84 ° 52 ' 42.20 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01624 E E100182 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4625 FARNAM STREET, DOUGLAS, OMAHA, NE  
41 ° 15 ' 26.00 " N LAT. 95 ° 59 ' 1.00 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01625 E E100183 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5 TELEVISION DRIVE, HARRISON, BRIDGEPORT, WV  
39 ° 17 ' 3.70 " N LAT. 80 ° 16 ' 41.20 " W LONG.

---

ANTENNA ID:	C1	4.5 meters	ANDREW CORPORATION	4.5M
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101217-01626** E E100184 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1965 S. 4TH AVENUE, YUMA, YUMA, AZ

32 ° 41 ' 31.30 " N LAT.

114 ° 37 ' 25.20 " W LONG.

ANTENNA ID:	C1	4.5 meters	ANDREW CORPORATION	4.5M.
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-REG-20101217-01627** E E100185 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 3117 PLAZA DRIVE N.E., KENT, GRAND RAPIDS, MI

43 ° 1 ' 5.20 " N LAT.

85 ° 37 ' 54.90 " W LONG.

ANTENNA ID:	C1	4.5 meters	ANDREW CORPORATION	4.5M.
	3700.0000 - 4200.0000 MHz		36M0F8W	ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	3700.0000 - 4200.0000 MHz		36M0G7W	DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

---

SES-REG-20101217-01628 E E100186 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 371 TARGET INDUSTRIAL CIRCLE, PENOBSCOT, BANGOR, ME  
44 ° 47 ' 19.70 " N LAT. 68 ° 49 ' 30.70 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01629 E E100187 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1390 N. BAGLEY STREET, ALPENA, ALPENA, MI  
45 ° 3 ' 53.40 " N LAT. 83 ° 28 ' 22.20 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-REG-20101217-01630 E E100188 FOX BROADCASTING COMPANY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 285 BROAD STREET, HARTFORD, HARTFORD, CT  
41 ° 45 ' 55.20 " N LAT. 72 ° 41 ' 14.80 " W LONG.

ANTENNA ID: C1 4.5 meters ANDREW CORPORATION 4.5M.

