



# 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-01187

Wednesday October 28, 2009

## 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-20091015-01326** E E970385      **PIEDMONT TELEVISION OF MONROE/EL DORADO LICENSE LLC**  
Application for Consent to Assignment  
Grant of Authority      Date Effective: 10/27/2009

**Current Licensee:**      **PIEDMONT TELEVISION OF MONROE/EL DORADO LICENSE LLC**  
**FROM:**      **PIEDMONT TELEVISION OF MONROE/EL DORADO LICENSE LLC**  
**TO:**      **MISSION BROADCASTING, INC.**

No. of Station(s) listed: 1

---

**SES-LIC-20090217-00184** E E090032      **Inmarsat Hawaii Inc.**  
Application for Authority      10/22/2009 - 10/22/2024  
Grant of Authority      Date Effective: 10/22/2009

**Class of Station:**      Mobile Earth Station

**Nature of Service:**      Mobile Satellite Service

**SITE ID:**      Multiple Units

**LOCATION:**      Limited to a maximum of 30,000 terminals, Various

ANTENNA ID:	1	0.8 meters	Nera	Saturn B
	1626.5000 - 1645.5000 MHz	20K0G1E	33.00 dBW	Voice, Data, Fax; O-QPSK
	1626.5000 - 1645.5000 MHz	20K0G1X	25.00 dBW	Signaling; BPSK
	1626.5000 - 1645.5000 MHz	100KG1X	33.00 dBW	64 kbps Data, Fax; O-QPSK
	1525.0000 - 1544.0000 MHz	20K0G1E		Voice, Data, Fax; O-QPSK
	1525.0000 - 1544.0000 MHz	20K0G1X		Signaling; BPSK
	1525.0000 - 1544.0000 MHz	100KG1X		64 kbps Data; O-QPSK
	1646.5000 - 1660.5000 MHz	100KG1X	33.00 dBW	64 kbps Data, Fax; O-QPSK

	1646.5000 - 1660.5000 MHz	20K0G1X	25.00 dBW	Signaling; BPSK
	1646.5000 - 1660.5000 MHz	20K0G1E	33.00 dBW	Voice, Data, Fax; O-QPSK
	1545.0000 - 1559.0000 MHz	100K0G1X		64 kbps Data; O-QPSK
	1545.0000 - 1559.0000 MHz	20K0G1X		Signaling; BPSK
	1545.0000 - 1559.0000 MHz	20K0G1E		Voice, Data, Fax; O-QPSK
ANTENNA ID: 2	0.56 meters	Nera		Saturn M
	1626.5000 - 1645.5000 MHz	10K0G1W	27.00 dBW	Voice, Data, Fax; O-QPSK
	1626.5000 - 1645.5000 MHz	20K0G1X	21.00 dBW	Signaling; BPSK
	1525.0000 - 1544.0000 MHz	10K0G1W		Voice, Data, Fax; O-QPSK
	1525.0000 - 1544.0000 MHz	20K0G1X		Signaling; BPSK
	1646.5000 - 1660.5000 MHz	20K0G1X	21.00 dBW	Signaling; BPSK
	1646.5000 - 1660.5000 MHz	10K0G1W	27.00 dBW	Voice, Data, Fax; O-QPSK
	1545.0000 - 1559.0000 MHz	20K0G1X		Signaling; BPSK
	1545.0000 - 1559.0000 MHz	10K0G1W		Voice, Data, Fax; O-QPSK
ANTENNA ID: 3	0.26 meters	Nera		Worldphone
	1626.5000 - 1645.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
	1626.5000 - 1645.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK
	1525.0000 - 1544.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
	1525.0000 - 1544.0000 MHz	20K0G1X		Signaling; BPSK
	1646.5000 - 1660.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK
	1646.5000 - 1660.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
	1545.0000 - 1559.0000 MHz	20K0G1X		Signaling; BPSK
	1545.0000 - 1559.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
ANTENNA ID: 4	0.27 meters	Thrane & Thrane		TT3060A
	1626.5000 - 1645.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
	1626.5000 - 1645.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK

1525.0000 - 1544.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
1525.0000 - 1544.0000 MHz	20K0G1X		Signaling; BPSK
1646.5000 - 1660.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK
1646.5000 - 1660.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
1545.0000 - 1559.0000 MHz	20K0G1X		Signaling; BPSK
1545.0000 - 1559.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
ANTENNA ID: 5	0.27 meters	NEC	Planet 1
1626.5000 - 1645.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
1626.5000 - 1645.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK
1525.0000 - 1544.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
1525.0000 - 1544.0000 MHz	20K0G1X		Signaling; BPSK
1646.5000 - 1660.5000 MHz	20K0G1X	17.00 dBW	Signaling; BPSK
1646.5000 - 1660.5000 MHz	5K00G1E	17.00 dBW	Mini-M Voice, Data and Fax; O-QPSK
1545.0000 - 1559.0000 MHz	20K0G1X		Signaling; BPSK
1545.0000 - 1559.0000 MHz	5K00G1E		Mini-M Voice, Data, Fax; O-QPSK
ANTENNA ID: 7	0.21 meters	Thrane & Thrane	Explorer 500, 700
1525.0000 - 1544.0000 MHz	12K5G7W		Voice and Data Services; QPSK
1525.0000 - 1544.0000 MHz	200KD7W		Voice and Data Services; 16-QAM
1525.0000 - 1544.0000 MHz	50K0D7W		Voice and Data Services; 16-QAM
1626.5000 - 1645.5000 MHz	200KD7W	16.10 dBW	Voice and Data Services; 16-QAM
1626.5000 - 1645.5000 MHz	50K0D7W	16.10 dBW	Voice and Data Services; 16-QAM
1646.5000 - 1660.5000 MHz	50K0D7W	16.10 dBW	Voice and Data Services; 16-QAM
1646.5000 - 1660.5000 MHz	200KD7W	16.10 dBW	Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	50K0D7W		Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	200KD7W		Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services; QPSK

ANTENNA ID:	8	0.125 meters	Nera	WorldPro 1000
	1525.0000 - 1544.0000 MHz	12K5G7W		Voice and Data Services; QPSK
	1525.0000 - 1544.0000 MHz	200KG7W		Voice and Data Services; QPSK
	1525.0000 - 1544.0000 MHz	50K0G7W		Voice and Data Services; QPSK
	1626.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1626.5000 - 1645.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1646.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1545.0000 - 1559.0000 MHz	50K0G7W		Voice and Data Services; QPSK
	1545.0000 - 1559.0000 MHz	200KG7W		Voice and Data Services; QPSK
	1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services; QPSK
ANTENNA ID:	9	0.2 meters	Add Value	Wideye Sabre I
	1525.0000 - 1544.0000 MHz	12K5G7W		Voice and Data Services; QPSK
	1525.0000 - 1544.0000 MHz	200KG7W		Voice and Data Services; QPSK
	1525.0000 - 1544.0000 MHz	50K0G7W		Voice and Data Services; QPSK
	1626.5000 - 1645.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1626.5000 - 1645.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1646.5000 - 1660.5000 MHz	25K0G7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1646.5000 - 1660.5000 MHz	200KG7W	11.00 dBW	Voice and Data Services; pi/4 QPSK
	1545.0000 - 1559.0000 MHz	50K0G7W		Voice and Data Services; QPSK
	1545.0000 - 1559.0000 MHz	200KG7W		Voice and Data Services; QPSK
	1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services; QPSK
ANTENNA ID:	11	0.774 meters	Nera	World Communicator
	1626.5000 - 1645.5000 MHz	5K00G1W	25.00 dBW	64 kbps Mini-M; O-QPSK
	1626.5000 - 1645.5000 MHz	40K0G1W	25.00 dBW	4.8 kbps Data; 16-QAM
	1626.5000 - 1645.5000 MHz	20K0G1X	25.00 dBW	3 kbps Signaling; BPSK

1525.0000 - 1544.0000 MHz	5K00G1W		4.8 kbps Mini-M; O-QPSK
1525.0000 - 1544.0000 MHz	40K0G1W		64 kbps Data; 16-QAM
1525.0000 - 1544.0000 MHz	20K0G1X		3 kbps Signaling; BPSK
1646.5000 - 1660.5000 MHz	20K0G1X	25.00 dBW	3 kbps Signaling; BPSK
1646.5000 - 1660.5000 MHz	40K0G1W	25.00 dBW	4.8 kbps Data; 16-QAM
1646.5000 - 1660.5000 MHz	5K00G1W	25.00 dBW	64 kbps Mini-M; O-QPSK
1545.0000 - 1559.0000 MHz	20K0G1X		3 kbps Signaling; BPSK
1545.0000 - 1559.0000 MHz	40K0G1W		64 kbps Data; 16-QAM
1545.0000 - 1559.0000 MHz	5K00G1W		4.8 kbps Mini-M; O-QPSK
ANTENNA ID: 6	0.35 meters	Hughes Network Systems	HNS 9201
1525.0000 - 1544.0000 MHz	12K5G7W		Voice and Data Services; QPSK
1525.0000 - 1544.0000 MHz	200KD7W		Voice and Data Services; 16-QAM
1525.0000 - 1544.0000 MHz	50K0D7W		Voice and Data Services; 16-QAM
1626.5000 - 1645.5000 MHz	200KD7W	21.00 dBW	Voice and Data Services; 16-QAM
1626.5000 - 1645.5000 MHz	50K0D7W	21.00 dBW	Voice and Data Services; 16-QAM
1646.5000 - 1660.5000 MHz	50K0D7W	21.00 dBW	Voice and Data Services; 16-QAM
1646.5000 - 1660.5000 MHz	200KD7W	21.00 dBW	Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	50K0D7W		Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	200KD7W		Voice and Data Services; 16-QAM
1545.0000 - 1559.0000 MHz	12K5G7W		Voice and Data Services; QPSK

**Points of Communication:**

Multiple Units - ISAT List -

<b>SES-LIC-20090917-01191</b>	E E090163	CENTER OF INNOVATION AND EXCELLENCE	10/27/2009 - 10/27/2024
Application for Authority			Date Effective: 10/27/2009
Grant of Authority			

**Class of Station:** VSAT Network

**Nature of Service:** Fixed Satellite Service

Name of Applicant for this license authorization has been changed from original filing due to the length of the name per name change letter request dated October 13, 2009.

SITE ID: HUB 1  
 LOCATION: 510 GRUMMAN DRIVE, WEST (3.7M. HUB), NASSAU, BETHPAGE, NY  
 40 ° 44 ' 55.10 " N LAT. 73 ° 29 ' 56.70 " W LONG.

ANTENNA ID:	Hub 1	3.7 meters	ASC SIGNAL	3.7M
	11700.0000 - 12200.0000 MHz		44K0G7D	Digital Data
	11700.0000 - 12200.0000 MHz		461KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		596KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		647KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		1M06G7D	Digital Data
	11700.0000 - 12200.0000 MHz		11M7G7D	Digital Data
	14000.0000 - 14500.0000 MHz		44K0G7D 49.50 dBW	Digital Data
	14000.0000 - 14500.0000 MHz		461KG7D 59.70 dBW	digital Data
	14000.0000 - 14500.0000 MHz		596KG7D 60.80 dBW	Digital Data
	14000.0000 - 14500.0000 MHz		647KG7D 61.20 dBW	Digital Data
	14000.0000 - 14500.0000 MHz		1M06G7D 63.30 dBW	Digital Data
	14000.0000 - 14500.0000 MHz		11M7G7D 68.80 dBW	Digital Data

SITE ID: REMOTE 1  
 LOCATION: VARIOUS LOCATIONS (2.4M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID:	Remote 1	2.4 meters	PRODELIN CORP.	1244
	11700.0000 - 12200.0000 MHz		44K0G7D	Digital Data
	11700.0000 - 12200.0000 MHz		461KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		596KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		647KG7D	Digital Data
	11700.0000 - 12200.0000 MHz		1M06G7D	Digital Data
	11700.0000 - 12200.0000 MHz		11M7G7D	Digital Data
	14000.0000 - 14500.0000 MHz		44K0G7D 45.50 dBW	Digital Data

14000.0000 - 14500.0000 MHz	461KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.40 dBW	Digital Data

SITE ID: REMOTE 2  
LOCATION: VARIOUS LOCATIONS (1.8M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID: Remote 2	1.8 meters	PRODELIN CORP.	1184
11700.0000 - 12200.0000 MHz	44K0G7D		Digital Data
11700.0000 - 12200.0000 MHz	461KG7D		Digital Data
11700.0000 - 12200.0000 MHz	596KG7D		Digital Data
11700.0000 - 12200.0000 MHz	647KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M06G7D		Digital Data
11700.0000 - 12200.0000 MHz	11M7G7D		Digital Data
14000.0000 - 14500.0000 MHz	44K0G7D	42.80 dBW	Digital Data
14000.0000 - 14500.0000 MHz	461KG7D	53.00 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	53.40 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.40 dBW	Digital Data

SITE ID: REMOTE 3  
LOCATION: VARIOUS LOCATIONS (1.2M. VSAT), 50 UNITS, CONUS, AK, HI

ANTENNA ID: Remote 3	1.2 meters	PRODELIN CORP.	1134
11700.0000 - 12200.0000 MHz	44K0G7D		Digital Data
11700.0000 - 12200.0000 MHz	461KG7D		Digital Data
11700.0000 - 12200.0000 MHz	596KG7D		Digital Data
11700.0000 - 12200.0000 MHz	647KG7D		Digital Data
11700.0000 - 12200.0000 MHz	1M06G7D		Digital Data
11700.0000 - 12200.0000 MHz	11M7G7D		Digital Data

14000.0000 - 14500.0000 MHz	44K0G7D	39.50 dBW	Digital Data
14000.0000 - 14500.0000 MHz	461KG7D	49.70 dBW	Digital Data
14000.0000 - 14500.0000 MHz	596KG7D	50.80 dBW	Digital Data
14000.0000 - 14500.0000 MHz	647KG7D	51.20 dBW	Digital Data
14000.0000 - 14500.0000 MHz	1M06G7D	53.30 dBW	Digital Data

**Points of Communication:**

HUB 1 - ALSAT - (ALSAT)

REMOTE 1 - ALSAT - (ALSAT)

REMOTE 2 - ALSAT - (ALSAT)

REMOTE 3 - ALSAT - (ALSAT)

---

SES-RWL-20091009-01307 E E990325 MTN License Corp. 11/22/2009 - 11/22/2024  
 Renewal Date Effective: 10/21/2009  
 Grant of Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 200 TELEGRAPH HILL ROAD, MONMOUTH, HOLMDEL, NJ  
 40 ° 23 ' 43.10 " N LAT. 74 ° 10 ' 20.30 " W LONG.

ANTENNA ID: #4 11.3 meters COMSAT/RSI 110 OCS

5925.0000 - 6425.0000 MHz 36M0G7W 80.50 dBW QPSK DIGITAL, VOICE & DATA SERVICES

3700.0000 - 4200.0000 MHz 36M0G7W QPSK DIGITAL, VOICE & DATA SERVICES

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - SATMEX-5 - (116.8 W.L.)

---

SES-RWL-20091009-01308 E E990328 MTN License Corp. 11/22/2009 - 11/22/2024  
 Renewal Date Effective: 10/21/2009  
 Grant of Authority

**Class of Station:** Fixed Earth Stations

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



---

SITE ID: 1  
LOCATION: 200 TELEGRAPH HILL ROAD, MONMOUTH, HOLMDEL, NJ  
40 ° 23 ' 40.50 " N LAT. 74 ° 10 ' 24.50 " W LONG.

ANTENNA ID: 1 11.3 meters COMSAT/RSI 110 OCS  
5925.0000 - 6425.0000 MHz 36M0G7W 85.74 dBW QPSK DIGITAL, VOICE & DATA  
3700.0000 - 4200.0000 MHz 36M0G7W QPSK DIGITAL, VOICE & DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)  
1 - INTELSAT AOR - (328.5 E.L.)

---

SES - RWL - 20091009 - 01309 E E990439 MTN License Corp.  
Renewal 01/05/2010 - 01/05/2025  
Grant of Authority Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 200 Telegraph Hill Road, Monmouth, Holmdel, NJ  
40 ° 23 ' 41.70 " N LAT. 74 ° 10 ' 22.80 " W LONG.

ANTENNA ID: #7 18.3 meters Cass Vertex 18.3KPC  
5925.0000 - 6425.0000 MHz 36M0G7W 81.90 dBW QPSK- digital voice & data / IBS  
3700.0000 - 4200.0000 MHz 36M0G7W QPSK- digital voice & data / IBS

SITE ID: 2  
LOCATION: 200 Telegraph Hill Road, Monmouth, Holmdel, NJ  
40 ° 23 ' 41.70 " N LAT. 74 ° 10 ' 22.80 " W LONG.

ANTENNA ID: #8 18.3 meters Cass Vertex 18.3KPC  
5925.0000 - 6425.0000 MHz 36M0G7W 81.90 dBW QPSK- digital voice & data / IBS  
3700.0000 - 4200.0000 MHz 36M0G7W QPSK- digital voice & data / IBS

**Points of Communication:**

1 - ALSAT - (ALSAT)  
2 - ALSAT - (ALSAT)

---

---

SES-RWL-20091009-01310 E E980378 Purdue University  
Renewal 10/15/2009 - 10/15/2024  
Grant of Authority Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: Electrical Engineering Building 1285, Tippecanoe, West Lafayette, IN  
40 ° 25 ' 12.00 " N LAT. 86 ° 55 ' 5.00 " W LONG.

ANTENNA ID:	2.4M	2.4 meters	Prodelin Corporation	1251
	5925.0000 - 6425.0000 MHz		2M46G7D	52.88 dBW
				Digital Data
	3700.0000 - 4200.0000 MHz		2M46G7D	
				Digital Data

**Points of Communication:**

1 - PAS-9 - (58.0 W.L.)

---

SES-RWL-20091009-01311 E E980379 Purdue University  
Renewal 10/15/2009 - 10/15/2024  
Grant of Authority Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: Electrical Engineering Building 1285, Tippecanoe, West Lafayette, IN  
40 ° 25 ' 47.00 " N LAT. 86 ° 54 ' 46.00 " W LONG.

ANTENNA ID:	1	2.4 meters	Prodelin Corporation	1251
	6412.0000 - 6424.0000 MHz		2M46G7D	53.00 dBW
				Digital data
	6160.0000 - 6397.7000 MHz		2M46G7D	53.00 dBW
				Digital Data
	5925.0000 - 6145.6000 MHz		2M46G7D	53.00 dBW
				Digital data
	3700.0000 - 4200.0000 MHz		2M46G7D	
				Digital data

**Points of Communication:**

1 - PAS-9 - (58.0 W.L.)

---

SES-RWL-20091012-01313 E E990174 Penn State University  
Renewal 10/13/2009 - 10/13/2024  
Grant of Authority Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

---

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

SITE ID: 1

LOCATION: TELECOMMUNICATIONS BUILDING, CENTRE, UNIVERSITY PARK, PA  
40 ° 47 ' 57.00 " N LAT. 77 ° 51 ' 48.00 " W LONG.

ANTENNA ID:	K7M	7 meters	SCIENTIFIC ATLANTA	8010K	
14000.0000 - 14500.0000 MHz			36M0F8F	78.50 dBW	ANALOG VIDEO AND ASSOCIATED AUDIO SUBCARRIERS
14000.0000 - 14500.0000 MHz			36M0G7F	78.50 dBW	QPSK VIDEO AND AUDIO
14000.0000 - 14500.0000 MHz			36M0G7D	78.50 dBW	QPSK DATA
11700.0000 - 12200.0000 MHz			36M0F8F		ANALOG VIDEO AND ASSOCIATED AUDIO SUBCARRIERS
11700.0000 - 12200.0000 MHz			36M0G7F		QPSK VIDEO AND AUDIO
11700.0000 - 12200.0000 MHz			36M0G7D		QPSK DATA

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - TELSTAR 11 - (37.5 W.L.)

---

**SES - RWL - 20091014 - 01318** E E980503 PanAmSat Licensee Corp.  
Renewal 12/28/2009 - 12/28/2024  
Grant of Authority Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5281 EAST GARTON ROAD, DOUGLAS, CASTLE ROCK, CO  
39 ° 16 ' 35.00 " N LAT. 104 ° 48 ' 22.00 " W LONG.

ANTENNA ID:	8.1M/CK7	8.1 meters	COMSAT RSI	8.1 KPC	
14000.0000 - 14500.0000 MHz			36M0F8F	85.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz			18M0F8F	82.00 dBW	ANALOG VIDEO

---

14000.0000 - 14500.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	3M00G7W	74.45 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	64K0G7D	57.74 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	750KF2D	85.00 dBW	COMMAND
13750.0000 - 14000.0000 MHz	36M0F8F	85.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	3M00G7W	75.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	64K0G7D	68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	COMMAND
12750.0000 - 13250.0000 MHz	36M0F8F	85.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz	36M0G7W	85.00 dBW	DIGITAL DATA/VIDEO
12750.0000 - 13250.0000 MHz	3M00G7W	74.45 dBW	DIGITAL DATA/VIDEO
12750.0000 - 13250.0000 MHz	64K0G7D	57.74 dBW	DIGITAL DATA
12750.0000 - 13250.0000 MHz	750KF2D	85.00 dBW	COMMAND
12750.0000 - 12350.0000 MHz	18M0F8F	82.00 dBW	ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	18M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	64K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND
11200.0000 - 11450.0000 MHz	36M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	18M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
11200.0000 - 11450.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO



11700.0000 - 12200.0000 MHz	36M0G7W	DIGITAL VIDEO & DATA
11700.0000 - 12200.0000 MHz	64K0G7W	DIGITAL VIDEO & DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

<b>SES-RWL-20091014-01320</b>	E E980502	PanAmSat Licensee Corp.	12/28/2009 - 12/28/2024
Renewal			Date Effective: 10/21/2009
Grant of Authority			

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: 2857 FORK CREEK CHURCH ROAD, DEKALB, ELLENWOOD, GA  
 33 ° 39 ' 53.00 " N LAT. 84 ° 16 ' 19.00 " W LONG.

ANTENNA ID:	AK-6	8.1 meters	COMSAT RSI	8.1 KPC
14000.0000 - 14500.0000 MHz	36M0F8F		85.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	18M0F8F		82.00 dBW	ANALOG VIDEO
14000.0000 - 14500.0000 MHz	36M0G7W		85.00 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	3M00G7W		74.45 dBW	DIGITAL DATA/VIDEO
14000.0000 - 14500.0000 MHz	64K0G7D		57.74 dBW	DIGITAL DATA
14000.0000 - 14500.0000 MHz	750KF2D		85.00 dBW	COMMAND
13750.0000 - 14000.0000 MHz	36M0F8F		85.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	18M0F8F		82.00 dBW	ANALOG VIDEO
13750.0000 - 14000.0000 MHz	36M0G7W		85.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	3M00G7W		75.00 dBW	DIGITAL DATA/VIDEO
13750.0000 - 14000.0000 MHz	64K0G7D		68.00 dBW	DIGITAL DATA
13750.0000 - 14000.0000 MHz	750KF2D		85.00 dBW	COMMAND
12750.0000 - 13250.0000 MHz	36M0F8F		85.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz	18M0F8F		82.00 dBW	ANALOG VIDEO
12750.0000 - 13250.0000 MHz	36M0G7W		85.00 dBW	DIGITAL DATA/VIDEO

---

12750.0000 - 13250.0000 MHz	3M00G7W	74.45 dBW	DIGITAL DATA/VIDEO
12750.0000 - 13250.0000 MHz	64K0G7D	57.74 dBW	DIGITAL DATA
12750.0000 - 13250.0000 MHz	75K0F2D	85.00 dBW	COMMAND
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	18M0F8F		ANALOG VIDEO
11700.0000 - 12200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
11700.0000 - 12200.0000 MHz	64K0G7D		DIGITAL DATA
11700.0000 - 12200.0000 MHz	750KF2D		COMMAND
11200.0000 - 11450.0000 MHz	36M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	18M0F8F		ANALOG VIDEO
11200.0000 - 11450.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
11200.0000 - 11450.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
11200.0000 - 11450.0000 MHz	64K0G7D		DIGITAL DATA
11200.0000 - 11450.0000 MHz	750KF2D		COMMAND
10700.0000 - 11200.0000 MHz	36M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	18M0F8F		ANALOG VIDEO
10700.0000 - 11200.0000 MHz	36M0G7W		DIGITAL DATA/VIDEO
10700.0000 - 11200.0000 MHz	3M00G7W		DIGITAL DATA/VIDEO
10700.0000 - 11200.0000 MHz	64K0G7D		DIGITAL DATA
10700.0000 - 11200.0000 MHz	750KF2D		COMMAND

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - PAS-8B - (43 W.L.)

---

1 - PAS-9 - (58.0 W.L.)

---

SES-RWL-20091016-01331 E E990392 Newport Television License LLC  
Renewal 11/03/2009 - 11/03/2024  
Grant of Authority Date Effective: 10/21/2009

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

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 11700 CENTRAL PARKWAY JACKSONVILLE, DUVAL , FL 32224, VARIOUS

ANTENNA ID:	1	2.4 meters	ANDREW	2.4 LITE WEIGHT SIGN
	14000.0000 - 14500.0000 MHz		36M0F3F 76.40 dBW	NTSC FM VIDEO AND AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz		36M0G7W 71.60 dBW	MCPC DIGITAL CARRIER FOR VOICE/DATA

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-RWL-20091019-01336 E E890983 Gray Television Licensee, LLC  
Renewal 10/20/2009 - 10/20/2024  
Grant of Authority Date Effective: 10/21/2009

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

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID:	1	2.6 meters	VERTEX	2.6 DMK
	14000.0000 - 14500.0000 MHz		36M0F8W 77.00 dBW	
	14000.0000 - 14500.0000 MHz		36M0F8W 75.74 dBW	NTSC VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
	14000.0000 - 14500.0000 MHz		9M00D7W 69.72 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO AND DATA
	14000.0000 - 14500.0000 MHz		5M50D7W 67.58 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO AND DATA
	11700.0000 - 12200.0000 MHz		36M0F8W	
	11700.0000 - 12200.0000 MHz		36M0F8W	NTSC VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS



---

11700.0000 - 12200.0000 MHz	9M00D7W	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO AND DATA
-----------------------------	---------	--

11700.0000 - 12200.0000 MHz	5M50D7W	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO AND DATA
-----------------------------	---------	--

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

SES-RWL-20091019-01339 E E891020 SES Americom, Inc.

Renewal

01/05/2010 - 01/05/2025

Grant of Authority

Date Effective: 10/21/2009

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: P.O. BOX 430, OKANOGAN, BREWSTER, WA

48 ° 8 ' 47.50 " N LAT.

119 ° 41 ' 31.20 " W LONG.

ANTENNA ID: 1 9 meters VERTEX 9KPC

5925.0000 - 6425.0000 MHz 36M0F3F 80.03 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 73.90 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

ANTENNA ID: 2 6 meters VERTEX 6.1KPC

5925.0000 - 6425.0000 MHz 36M0F3F 73.90 dBW ANALOG COMPRESS VIDEO

5925.0000 - 6425.0000 MHz 24M0G7F 73.90 dBW DIGITAL VIDEO, QPSK 3/4 FEC 30 MBPS

3700.0000 - 4200.0000 MHz 36M0F3F ANALOG COMPRESS VIDEO

3700.0000 - 4200.0000 MHz 24M0G7F DIGITAL VIDEO, QPSK 3/4 FEC 30 MBPS

ANTENNA ID: 3 11 meters HARRIS

5925.0000 - 6425.0000 MHz 36M0F3F 86.00 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 73.90 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-RWL-20091026-01358 E WU90 Mediacom Southeast LLC  
Renewal 10/29/2009 - 10/29/2024  
Grant of Authority Date Effective: 10/27/2009

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: TRIGG, CADIZ, KY  
36 ° 51 ' 39.00 " N LAT. 87 ° 46 ' 28.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA FOR COMMUNICATIONS PR 16.4  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-RWL-20091027-01361 E WJ28 Comcast of Indiana/Michigan, LLC  
Renewal 12/22/2009 - 12/22/2024  
Grant of Authority Date Effective: 10/27/2009

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: ST. JOSEPH, MISHAWAKA, IN  
41 ° 41 ' 37.00 " N LAT. 86 ° 11 ' 36.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA5-4HP  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

---

1 - ALSAT - (ALSAT)

---

SES-RWL-20091027-01363 E WX97 Comcast of Wildwood, Inc.  
Renewal 12/26/2009 - 12/26/2024  
Grant of Authority Date Effective: 10/27/2009

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: CAPE MAY, WILDWOOD, NJ  
38 ° 57 ' 31.00 " N LAT. 74 ° 55 ' 21.00 " W LONG.

---

ANTENNA ID: 1                              4.5 meters                      ANDREW CORPORATION                      ESA5-4HP

3700.0000 - 4200.0000 MHz                      36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

---

**SES-STA-20091006-01287**    E E090173    DIRECTV Enterprises, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 10/22/2009

**Class of Station:**

Special temporary authority is GRANTED with conditions for a period of 30 days beginning October 22, 2009.

**Points of Communication:**

---

**SES-T/C-20091022-01344**    E E910351    WAVE LICENSE SUBSIDIARY, LLC

Application for Consent to Transfer of Control

Consummated

Date Effective: 09/30/2009

**Current Licensee:**    WAVE LICENSE SUBSIDIARY, LLC

**FROM:** COSMOS BROADCASTING, LLC

**TO:**    RAYCOM TV BROADCASTING, LLC

No. of Station(s) listed: 1

---

**SES-T/C-20091022-01347**    E E050212    WLOX LICENSE SUBSIDIARY, LLC

Application for Consent to Transfer of Control

Consummated

Date Effective: 09/30/2009

**Current Licensee:**    WLOX LICENSE SUBSIDIARY, LLC

**FROM:** COSMOS BROADCASTING, LLC

**TO:**    RAYCOM TV BROADCASTING, LLC

No. of Station(s) listed: 1

---

**SES-T/C-20091023-01350**    E E4309    Reuters America LLC

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 10/27/2009

**Current Licensee:**    Reuters America LLC

**FROM:** THE WOODBRIDGE COMPANY LIMITED

**TO:**    The Woodbridge Company Limited

No. of Station(s) listed: 3

---

**SURRENDER**

**SES-LIC-20020717-01092**                      E020178                      PARKER DRILLING, CO.

Licensee has surrendered license, per letter dated October 14, 2009.

**SES-RWL-19991117-02113**                      E890994                      INDEPENDENCE TELEVISION COMPANY

Licensee has surrendered earth station registration per letter request dated October 26, 2009.

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