



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-01119

Wednesday March 11, 2009

## 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-LIC-20090217-00184 E E090032 Inmarsat Hawaii Inc.

Application for Authority

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	100KG1X		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: 10	0.11 meters	Skywave		DMR-200C
	1626.5000 - 1645.5000 MHz	2K50F1D	9.00 dBW	Acknowledge burst (32 symbols, 4 sym./s in 10s slots, 16 sym./s in 2.5s slots); Short data burst (128 symbols, 16 sym./s in 10s slots, 64 sym./s in 2.5s slots); Long data burst (256 symbols, 32 sym./s in 10s slots, 128 sym./s in 2.5s slots); Standard GPS

1525.0000 - 1544.0000 MHz	2K50F1D			Numeric - up to 32 numeric or special characters (4-bit encoded); Alphanumeric - up to 128 alphanumeric characters (8-bit encoded); Transparent data - up to 2000 bits of data defined on an end-to-end basis
1646.5000 - 1660.5000 MHz	2K50F1D	9.00 dBW		Acknowledge burst (32 symbols, 4 sym./s in 10s slots, 16 sym./s in 2.5s slots); Short data burst (128 symbols, 16 sym./s in 10s slots, 64 sym./s in 2.5s slots); Long data burst (256 symbols, 32 sym./s in 10s slots, 128 sym./s in 2.5s slots); Standard GPS
1545.0000 - 1559.0000 MHz	2K50F1D			Numeric - up to 32 numeric or special characters (4-bit encoded); Alphanumeric - up to 128 alphanumeric characters (8-bit encoded); Transparent data - up to 2000 bits of data defined on an end-to-end basis
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 -

**SES-LIC-20090304-00240** E E980336 PATHFIRE, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 245 HEMBREE PARK DRIVE, SUITE 100, FULTON, ROSWELL, GA  
34 ° 3 ' 15.00 " N LAT. 84 ° 19 ' 14.00 " W LONG.

<b>ANTENNA ID:</b> RSW001	2.4 meters	ANDREW	ES24K-1
14000.0000 - 14500.0000 MHz	12M0G1D	68.80 dBW	PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	24M0G1D	71.80 dBW	PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G1D	73.50 dBW	PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G7F	73.50 dBW	PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	9M00G7F	67.50 dBW	PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	12M0G1D		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	24M0G1D		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G1D		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES

11700.0000 - 12200.0000 MHz	36M0G7F			PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	9M00G7F			PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
ANTENNA ID: RSW002	2.4 meters	ANDREW		ES24K-1
14000.0000 - 14500.0000 MHz	12M0G1D	68.80 dBW		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	24M0G1D	71.80 dBW		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G1D	73.50 dBW		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G7F	73.50 dBW		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	9M00G7F	67.50 dBW		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	12M0G1D			PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	24M0G1D			PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G1D			PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G7F			PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	9M00G7F			PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
ANTENNA ID: RSW003	3.8 meters	VERTEX		DPK
14000.0000 - 14500.0000 MHz	12M0G1D	72.80 dBW		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G1D	77.50 dBW		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	36M0G7F	77.50 dBW		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	9M00G7F	71.50 dBW		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	12M0G1D			PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	24M0G1D			PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES

11700.0000 - 12200.0000 MHz	36M0G1D		PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	36M0G7F		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
11700.0000 - 12200.0000 MHz	9M00G7F		PSK DIGITAL VIDEO, VARIOUS FEC RATES, VARIOUS DATA RATES
14000.0000 - 14500.0000 MHz	24M0G1D	75.80 dBW	PSK DATA, VARIOUS FEC RATES, VARIOUS DATA RATES

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-MOD-20090209-00153** E E080015 EchoStar Corporation

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service

EchoStar Corporation filed modification application to add another antenna facility, correcting an emission designator, and making changes to the points of communication.

**SITE ID:** Spokane

**LOCATION:** 9815 West Hallet Road, Spokane, Spokane, WA

47 ° 35 ' 31.10 " N LAT.

117 ° 33 ' 1.60 " W LONG.

<b>ANTENNA ID:</b> WAT2	13.2 meters	Vertex	13.2
17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17310.0000 - 17790.0000 MHz	24M0G1W	86.90 dBW	Compressed Digital Video and Data
17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12690.0000 - 12700.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12690.0000 - 12700.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G1W	0.00 dBW	Compressed Digital Video and Data
12200.0000 - 12210.0000 MHz	1M50G2D	0.00 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D	0.00 dBW	Ranging Tones
<b>ANTENNA ID:</b> WAT1	13.2 meters	Vertex	13.2
12200.0000 - 12210.0000 MHz	1M50G2D		Telemetry



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12690.0000 - 12700.0000 MHz	1M50G2D		Telemetry
17300.0000 - 17310.0000 MHz	1M50G2D	85.06 dBW	Telemetry
17790.0000 - 17800.0000 MHz	1M50G2D	85.06 dBW	Telemetry
12200.0000 - 12210.0000 MHz	1M50F3D		Ranging Tones
12690.0000 - 12700.0000 MHz	1M50F3D		Ranging Tones
17300.0000 - 17310.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
17790.0000 - 17800.0000 MHz	1M50F3D	85.06 dBW	Ranging Tones
12210.0000 - 12690.0000 MHz	24M0G7W		Compressed Digital Video and Data
17310.0000 - 17790.0000 MHz	24M0G7W	86.90 dBW	Compressed Digital Video and Data

**Points of Communication:**

- Spokane - CIEL 2 - (128.85 W.L.)
  - Spokane - EHOSTAR 10 - (110 W.L.)
  - Spokane - EHOSTAR 2 - (148 W.L.)
  - Spokane - EHOSTAR 3 - (61.5 W.L.)
  - Spokane - EHOSTAR 5 - (129 W.L.)
  - Spokane - EHOSTAR 5 - (148 W.L.)
  - Spokane - EHOSTAR 6 - (72.7 W.L.)
  - Spokane - EHOSTAR 7 - (119 W.L.)
  - Spokane - EHOSTAR 8 - (110 W.L.)
  - Spokane - EHOSTAR I - (148.0 W.L.)
  - Spokane - RAINBOW1 - (61.5 W.L.)
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For more information concerning this Notice, contact the Satellite and Radiocommunication Division at 418-0719; TTY 202-418-2555.