



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-00610

Wednesday June 2, 2004

## 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-AMD-20040517-00679 E E030097 GLENTEL CORP.

Amendment

Class of Station: Mobile Earth Station

Nature of Service: International Mobile Satellite Service, Mobile Satellite Service

Applicant herein amends its pending application for authority to operate 50,000 mobile earth station terminals in order to add AMSC-1 at 101 WL as a point of communication. All other technical information remains the same as previously presented.

SITE ID: US Nationwide

LOCATION: 50,000 full-duplex METs throughout in US, CONUS

ANTENNA ID:	A1	0.02 meters	Westinghouse / WEC Mast	CD-JL01080, P-1000
	1626.0000 - 1660.0000 MHz	5K00G7W	12.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
	1626.0000 - 1660.0000 MHz	5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
	1626.0000 - 1660.0000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A2	0.27 meters	Westinghouse / WEC Contour Dome	CD-JL01003, D-1000
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A3	0.92 meters	Westinghouse / WEC Fixed	CD-JL01083, F-1000
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A4	0.76 meters	Westinghouse / WEC Fixed	CD-JL01083, F-1000
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A5	0.27 meters	Westinghouse / WEC Maritime Contour Dome	CD-JL01003-G02
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-date)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A6	1.2 meters	Westinghouse / WEC Multichannel Fixed		F-1000 MC
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A7	0.46 meters	Westinghouse / KVH Single Channel Mariti		M-1015, D-100HF
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A8	0.165 meters	Mitsubishi / MELCO Dome	AU200A, ST-111D
1626.0000 - 1660.0000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A9	0.6 meters	Mitsubishi / MELCO Fixed	AU500A, ST-121
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A10	0.495 meters	Mitsubishi / MELCO Briefcase		ST151
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A11	0.28 meters	Mitsubishi / MELCO Omnipoint		ST251
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A12	0.15 meters	CAL / Calquest		CQ100
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1525.0000 - 1559.0000 MHz	5K00G7W			FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A13	0.295 meters	Mitsubishi / MELCO Transportation Dome		AU400A
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.0000 - 1660.0000 MHz	5K00G7W	16.50 dBW		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)

1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: D1	0.27 meters	Westinghouse / WEC Contour Dome	CD-JL01003
1626.0000 - 1660.0000 MHz	5K00G7D	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1626.0000 - 1660.0000 MHz	5K00G7D	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D2	0.425 meters	Narrowband / Narrowband Mobile	RST 2000
1626.0000 - 1660.0000 MHz	5K00G7D	13.80 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1626.0000 - 1660.0000 MHz	5K00G7D	13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D3	0.295 meters	Narrowband / Narrowband Mobile	MDT 1000
1626.0000 - 1660.0000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1626.0000 - 1660.0000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)



1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D4	0.27 meters	Eaton / Eaton Mobile	SCM
1626.0000 - 1660.0000 MHz	5K00G7D	16.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DRr-data or MT-DRd-data)
1626.0000 - 1660.0000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D5	0.2 meters	EMS Technologies	PDT-100
1626.0000 - 1660.0000 MHz	5K00G7D	11.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.0000 - 1660.0000 MHz	5K00G7D	11.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DTr-data or MT-DRd-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

**Points of Communication:**

US Nationwide - AMSC-1 - (101.0 W.L.)

US Nationwide - MSAT-1 - (106.5 W.L.)

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**SES-LIC-20040426-00583** E E040193 VERESTAR, INC. (DEBTOR-IN-POSSESSION)

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 777 WESTAR LANE, DALLAS, CEDAR HILL, TX

32 ° 34 ' 44.00 " N LAT.

96 ° 58 ' 58.00 " W LONG.

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ANTENNA ID: AV2	2.4 meters	PRODELIN	1251
11700.0000 - 12200.0000 MHz	400KF1D		RECEIVE ONLY (DEMODO) BPSK, QPSK, 4PSK, 8PSK
14000.0000 - 14500.0000 MHz	400KF1D	55.22 dBW	SCPC DIGITAL BPSK, QPSK, 4PSK, 8PSK
ANTENNA ID: AV3	2.4 meters	PRODELIN	1251
14000.0000 - 14500.0000 MHz	400KF1D	58.23 dBW	SCPC DIGITAL BPSK, QPSK, 4PSK, 8PSK
11700.0000 - 12200.0000 MHz	400KF1D		RECEIVE ONLY (DEMODO) BPSK, QPSK, 4PSK, 8PSK
ANTENNA ID: AV5	2.4 meters	PRODELIN	1251
11700.0000 - 12200.0000 MHz	400KF1D		RECEIVE ONLY (DEMODO) BPSK, QPSK, 4PSK, 8PSK
14000.0000 - 14500.0000 MHz	400KF1D	58.23 dBW	SCPC DIGITAL BPSK, QPSK, 4PSK, 8PSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20040426-00603** E E040204 XM Radio Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Satellite Digital Audio Radio Service

XM Radio Inc. ('XM Radio') seeks authority to operate a fixed, transmit/receive earth station transmitting in the X-band and receiving in the S-band. The earth station is being hosted and collocated at PanAmSat's Ellenwood, Georgia teleport. The earth station comprises two 7.2 meter antennas for the purpose of backing up XM Radio's primary uplink earth station located in Washington, DC. The earth station will uplink programming to XM Radio's satellites for transmission to XM Radio's SDARS subscribers. The earth station will also serve as backup TT&C support for XM Radio's existing satellites (Call Signs S2118 (XM-Roll) and S2119 (XM-Rock)) and follow-on satellites (including Call Signs S2617 (XM-3) and S2616 (XM-4)) and also be used for in-orbit testing of XM Radio's follow-on satellites.

**SITE ID:** Atlanta

**LOCATION:** 2875 Fork Creek Church Road, Clayton, Ellenwood, GA

33 ° 39 ' 51.00 " N LAT.

84 ° 16 ' 24.00 " W LONG.

ANTENNA ID: AX31/AX32	7.2 meters	VertexRSI	7.2 KPCX/KPXX
2332.5000 - 2345.0000 MHz	1M84G1EDW		Audio Content, Ancillary Data, QPSK
7042.6000 - 7074.4000 MHz	800KF2DCF	74.00 dBW	Command and Ranging

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2332.5000 - 2345.0000 MHz	100KG2DCF		Telemetry
7056.8450 - 7074.8690 MHz	1M84G1EDW	78.00 dBW	Audio Content, Ancillary Data, QPSK

**Points of Communication:**

Atlanta - ALSAT - (ALSAT)  
Atlanta - XM-3 - (85 W.L.)  
Atlanta - XM-4 - (115 W.L.)  
Atlanta - XM-ROCK - (115 W.L.)  
Atlanta - XM-ROLL - (115 W.L.)  
Atlanta - XM-ROLL - (85 W.L.)

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**SES-LIC-20040512-00726** E E040244 WSB-TV HOLDINGS, INC.

Application for Authority

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

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

SITE ID: 1

LOCATION: 1601 WEST PEACHTREE STREET, NE ATLANTA, FULTON, GA 30309, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGY AVL1.2MUSA

14000.0000 - 14500.0000 MHz 36M0F7F 64.47 dBW DIGITAL CARRIER USED FOR VIDEO/VOICE/DATA

11700.0000 - 12200.0000 MHz 36M0F7W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20040526-00729** E E990523 LORAL SKYNET NETWORK SERVICES, INC. (DEBTOR-IN-POSSESSION)

Application for Modification

**Class of Station:** Fixed Earth Stations

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

Modification file to relocate antenna to 37 54' 17"N and 122 19' 00"W, change site elevation (AMSL) to 4.6 Meters, increase Maximum EIRP to 79.4 dBW, change street address to 2301 Columbia Blvd. , change the elevation angle limits to 5.7W and 16.9E and the Azimuth to 258.5W and 111.5 E; add points of communication (satellites & countries, and add new emission designators.

SITE ID: 24

LOCATION: 2301 COLOMBIA BLVD., RICHMOMD, CA

37 ° 54 ' 17.00 " N LAT.

122 ° 19 ' 0.00 " W LONG.

ANTENNA ID:	1	3.8 meters	PRODELIN	1388-950
14000.0000 - 14500.0000 MHz	36M0G7W	72.70 dBW	QPSK, NON-COMMON CARRIER VOICE, FAX, VIDEO AND DATA SERVICES	
11700.0000 - 11950.0000 MHz	50K0G1W		DIGITAL SCPC DATA CARRIER, QPSK	
11700.0000 - 11950.0000 MHz	1M80G1W		DIGITAL SCPC DATA CARRIER, QPSK	
14000.0000 - 14500.0000 MHz	18M0F8F-	79.40 dBW	FM ANALOG VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	36M0F8F	79.40 dBW	FM ANALOG VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	2M00G1F-	65.39 dBW	SINGLE CHAN/CARRIER DIGITAL VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	9M00G1F	71.92 dBW	SINGLE CHAN/CARRIER DIGITAL VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	24M0G7F-	76.18 dBW	MULTIPLE CHAN/CARRIER DIGITAL VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	36M0G7F	77.94 dBW	MULTIPLE CHAN/CARRIER DIGITAL VIDEO/AUDIO	
14000.0000 - 14500.0000 MHz	200KF3F	61.39 dBW	FM ANALOG AUDIO	
14000.0000 - 14500.0000 MHz	38K4G7W	48.22 dBW	DIGITAL AUDIO	
14000.0000 - 14500.0000 MHz	54K6G7W-	49.75 dBW	QPSK, 8PSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	35M9G7W	77.93 dBW	QPSK, 8PSK DIGITAL DATA	
14000.0000 - 14500.0000 MHz	618KD7W-	60.29 dBW	16QAM DIGITAL DATA	
14000.0000 - 14500.0000 MHz	20M3D7W	75.45 dBW	16QAM DIGITAL DATA	
10950.0000 - 11200.0000 MHz				
11450.0000 - 11700.0000 MHz				
11700.0000 - 12200.0000 MHz				

**Points of Communication:**

24 - ALSAT - (ALSAT)

24 - INTELSAT POR - (176.0 E.L.)

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24 - New Skies 513 - (183 E.L.)

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**SES-REG-20040524-00707** E E040241 MINNESOTA PUBLIC RADIO

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: PASADENA CITY COLLEGE (KPCC-FM) 1570 E. Colorado Blvd., LOS ANGELES, PASADENA, CA  
38 ° 8 ' 42.00 " N LAT. 118 ° 7 ' 0.00 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL BROADCAST AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040526-00724** E E040242 MINNESOTA PUBLIC RADIO

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1022 8TH STREET SOUTH (KCCM-FM), CLAY, MOORHEAD, MN  
46 ° 51 ' 46.80 " N LAT. 96 ° 46 ' 1.90 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW DIGITAL BROADCAST AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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