



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00631

Wednesday August 11, 2004

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

Amendment

Grant of Authority

Date Effective: 08/10/2004

**Class of Station:** Mobile Earth Station

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

Grant of this license is subject to compliance with the provisions of the agreement between Glentel Corp., on the one hand, and the U.S. Department of Justice (the "DOJ") including the Federal Bureau of Investigation (the "FBI"), and the U.S. Department of Homeland Security (the "DHS") on the other, dated June 9, 2004 (the "Glentel Agreement"), which is designed to address national security, law enforcement and public safety issues of the DOJ, the FBI and the DHS regarding the license granted by this Public Notice. Nothing in the Glentel Agreement is intended to limit any obligation imposed by Federal law or regulation including, but not limited to, 47 U.S.C. §§ 222(a) and (c)(1) and the Commission's implementing regulations.

The Glentel Agreement and the Petition to Adopt Conditions to Authorization and License submitted by the FBI on behalf of itself and the DOJ, and the DHS in File No. SES-LIC-20030502-00572, which petition we here grant, is publicly available in the record of this proceeding and may be viewed at [http://svartifoss2.fcc.gov/servlet/ib.page.FetchAttachment?attachment\\_key=386608](http://svartifoss2.fcc.gov/servlet/ib.page.FetchAttachment?attachment_key=386608)

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

1626.5000 - 1660.5000 MHz

5K00G7W

12.50 dBW

FDMA communications channel  
(voice or data) using differentially  
encoded QPSK at a transmission rate  
of 3375 bps

1626.5000 - 1660.5000 MHz

5K00G7W

12.50 dBW

Slotted Aloha signaling channel using  
differentially encoded QPSK at a  
transmission rate of 3375 bps  
(MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-date)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 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)
1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 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)
1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 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)



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1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 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)
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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
1626.5000 - 1660.5000 MHz	5K00G7D	11.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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)
1626.5000 - 1660.5000 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-AMD-20040528-00743** E E930182 GTECH CORP.

Amendment

Grant of Authority

Date Effective: 08/04/2004

**Class of Station:** VSAT Network

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

SITE ID: HUB (7.6M)

LOCATION: 55 TECHNOLOGY WAY, KENT, WEST GREENWICH, RI

41 ° 39 ' 23.00 " N LAT.

71 ° 34 ' 16.00 " W LONG.

ANTENNA ID: ANT 2      7.6 meters      ANDREW      ES76-KNH1

14000.0000 - 14500.0000 MHz      500KG7D      66.70 dBW

14000.0000 - 14500.0000 MHz      6M20G7W      64.50 dBW

QPSK, 5 MSPS BROADCAST  
DIGITAL CARRIER

14000.0000 - 14500.0000 MHz      1M60G7W      60.50 dBW

BPSK MULTIMEDIA BROADCAST  
DIGITAL CARRIER

14000.0000 - 14500.0000 MHz      800KG7W      57.80 dBW

BPSK DIGITAL BROADCAST  
CARRIER

14000.0000 - 14500.0000 MHz      1M20G7W      59.60 dBW

BPSK DIGITAL BROADCAST  
CARRIER

14000.0000 - 14500.0000 MHz      2M40G7W      62.60 dBW

BPSK DIGITAL BROADCAST  
CARRIER

11700.0000 - 12200.0000 MHz      30K0G7D

11700.0000 - 12200.0000 MHz      200KG7W

OQPSK, 128 KSPS, RETURN  
DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      120KG7W

MSK (QPSK VARIANT)  
BROADCAST DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      60K0G7W

MSK (QPSK VARIANT)  
BROADCAST DIGITAL CARRIER

SITE ID: PTR .74M

LOCATION: CONUS, HI, AK, PR, U.S., VI .74M (40,000 TERMINALS)

ANTENNA ID: PTR .74      0.74 meters      PRODELIN(98x56cm)      HANT-91TR

14000.0000 - 14500.0000 MHz      200KG7W      39.20 dBW

OQPSK, 128 KSPS, RETURN  
DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      6M20G7W

QPSK, 5 MSPS, MULTIMEDIA  
BROADCAST DIGITAL CARRIER

SITE ID: PTR .98M

LOCATION: CONUS, HI, AK, PR, U.S., VI .98M (35,000 TERMINALS)

ANTENNA ID: PTR .98      0.98 meters      PRODELIN      9008668

14000.0000 - 14500.0000 MHz	200KG7W	41.50 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	PTR 1.2M		
LOCATION:	CONUS, HI, AK, PR, U.S., VI 1.2M (35,000 TERMINALS)		
ANTENNA ID: PTR 1.2	1.2 meters	PRODELIN	1123
14000.0000 - 14500.0000 MHz	200KG7W	43.20 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	PTR 1.8M		
LOCATION:	CONUS, HI, AK, PR, U.S., VI 1.8M (25,000 TERMINALS)		
ANTENNA ID: PTR 1.8	1.8 meters	PRODELIN	1184
14000.0000 - 14500.0000 MHz	200KG7W	46.80 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	CTR 1.8M		
LOCATION:	CONUS, HI, AK, PR, US VI 1.8M (25,000 TERMINAL)		
ANTENNA ID: CTR 1.8	1.8 meters	CHANNEL MASTER	183
14000.0000 - 14500.0000 MHz	60K0G7W	43.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	120KG7W	46.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER

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SITE ID: CTR 1.2M  
LOCATION: CONUS, HI, AK, PR, US VI 1.2M (35,000 TERMINAL)

ANTENNA ID:	CTR 1.2	1.2 meters	CHANNEL MASTER	1124, 1134
	14000.0000 - 14500.0000 MHz	60K0G7W	40.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	120KG7W	43.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	1M60G7W		BPSK DIGITAL BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER

SITE ID: HUB (4.6M)  
LOCATION: 55 TECHNOLOGY WAY, KENT, WEST GREENWICH, RI  
41 ° 39 ' 23.00 " N LAT. 71 ° 34 ' 16.00 " W LONG.

ANTENNA ID:	ANT 1	4.6 meters	ANDREW CORP.	ESA46-124
	14000.0000 - 14500.0000 MHz	500KG7D	54.00 dBW	
	14000.0000 - 14500.0000 MHz	6M20G7W	64.50 dBW	QPSK, 5 MSPS BROADCAST DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	1M60G7W	60.50 dBW	MSK BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	2M40G7W	62.60 dBW	BPSK DIGITAL BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	1M20G7W	59.60 dBW	BPSK DIGITAL BROADCAST CARRIER
	14000.0000 - 14500.0000 MHz	800KG7W	57.80 dBW	BPSK DIGITAL BROADCAST CARRIER
	11700.0000 - 12200.0000 MHz	30K0G7D		
	11700.0000 - 12200.0000 MHz	200KG7W		OQPSK, 128 KSPS, RETURN DIGITAL CARRIER

11700.0000 - 12200.0000 MHz	120KG7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	60K0G7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
SITE ID: CTR .96M			
LOCATION: CONUS, AK, HI, PR, U.S. VI .96M (35,000 TERMINALS)			
ANTENNA ID: CTR .96	0.96 meters	CHANNEL MASTER (62x89cm)	960
14000.0000 - 14500.0000 MHz	120KG7W	41.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7W	38.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER
SITE ID: CTR .75M			
LOCATION: CONUS, AK, HI, PR, U.S., VI .75M (40,000 TERMINALS)			
ANTENNA ID: CTR .75	0.75 meters	CHANNEL MASTER	75e
14000.0000 - 14500.0000 MHz	120KG7W	38.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7W	35.80 dBW	MSK (QPSK VARIANT) BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER

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**Points of Communication:**

CTR .75M - AMC-3 - (87 W.L.)

CTR .75M - AMC-4 (formerly GE-4 - (101 W.L.)

CTR .96M - AMC-3 - (87 W.L.)

CTR .96M - AMC-4 (formerly GE-4 - (101 W.L.)

CTR 1.2M - ALSAT - (ALSAT)

CTR 1.8M - ALSAT - (ALSAT)

HUB (4.6M) - ALSAT - (ALSAT)

HUB (7.6M) - ALSAT - (ALSAT)

PTR .74M - AMC-3 - (87 W.L.)

PTR .74M - AMC-4 (formerly GE-4 - (101 W.L.)

PTR .98M - AMC-3 - (87 W.L.)

PTR .98M - AMC-4 (formerly GE-4 - (101 W.L.)

PTR 1.2M - ALSAT - (ALSAT)

PTR 1.8M - ALSAT - (ALSAT)

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**SES-ASG-20040617-00909** E E860720 FREEDOM BROADCASTING OF MICHIGAN, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/10/2004

**Current Licensee:** FREEDOM BROADCASTING OF MICHIGAN, INC.

**FROM:** FREEDOM BROADCASTING OF MICHIGAN, INC.

**TO:** FREEDOM BROADCASTING OF MICHIGAN LICENSEE, L.L.C.

No. of Station(s) listed: 1

A Prior Assignment was change to correct the Transferee/Assignee from Freedom Broadcasting, Inc. to Freedom Broadcasting of Michigan, Inc. as shown on this Assignment for the correct current Licensee's name to be assigned.

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**SES-ASG-20040618-00844** E E870274 FREEDOM BROADCASTING OF SOUTHERN NEW ENGLAND, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/10/2004

**Current Licensee:** FREEDOM BROADCASTING OF SOUTHERN NEW ENGLAND, INC.

**FROM:** FREEDOM BROADCASTING OF SOUTHERN NEW ENGLAND, INC.

**TO:** FREEDOM BROADCASTING OF SOUTHERN NEW ENGLAND LICENSEE, L.L.C.

No. of Station(s) listed: 1

The current Licensee's name have been changed from Freedom WLNE-TV, Inc. to Freedom Broadcasting of Southern New England, Inc. showing on this Assignment was made due to a prior name changed letter dated February 2, 1999.

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**SES-ASG-20040618-00846** E E7599 FREEDOM BROADCASTING OF TEXAS, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/10/2004

**Current Licensee:** FREEDOM BROADCASTING OF TEXAS, INC.

**FROM:** FREEDOM BROADCASTING OF TEXAS, INC.

**TO:** FREEDOM BROADCASTING OF TEXAS LICENSEE, L.L.C.

No. of Station(s) listed: 1

The current Licensee's name have been changed from Freedom-TV Sub, Inc. to Freedom Broadcasting of Texas, Inc. showing on this Assignment was made due to a prior name changed letter dated February 2, 1999.

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**SES-ASG-20040618-00847** E E860410 FREEDOM BROADCASTING OF TENNESSEE, INC.

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/10/2004

**Current Licensee:** FREEDOM BROADCASTING OF TENNESSEE, INC.

**FROM:** FREEDOM BROADCASTING OF TENNESSEE, INC.

**TO:** FREEDOM BROADCASTING OF TENNESSEE, L.L.C.

No. of Station(s) listed: 1

The current Licensee's name have been changed from WTVC, Inc. to Freedom Broadcasting of Tennessee, Inc. showing on this Assignment was made due to a prior name changed letter dated February 2, 1999.

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**SES-ASG-20040805-01096** E E6269 EMMIS TELEVISION LICENSE CORPORATION

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/06/2004

**Current Licensee:** EMMIS TELEVISION LICENSE CORPORATION

**FROM:** EMMIS TELEVISION LICENSE CORPORATION

**TO:** EMMIS TELEVISION LICENSE, LLC

No. of Station(s) listed: 5

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**SES-ASG-20040805-01097** E E000491 EMMIS TELEVISION LICENSE CORPORATION

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/10/2004

**Current Licensee:** EMMIS TELEVISION LICENSE CORPORATION

**FROM:** EMMIS TELEVISION LICENSE CORPORATION

**TO:** EMMIS TELEVISION LICENSE, LLC

No. of Station(s) listed: 15

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**SES-ASG-20040805-01098** E E940295 Emmis Television License Corporation of Wichita

Application for Consent to Assignment

Grant of Authority

Date Effective: 08/09/2004

**Current Licensee:** Emmis Television License Corporation of Wichita

**FROM:** EMMIS TELEVISION LICENSE CORP OF WICHITA

**TO:** Emmis Television License Corporation of Wichita

No. of Station(s) listed: 2

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SES-LIC-20030502-00572 E E030097 GLENTEL CORP.

Application for Authority

08/10/2004 - 08/10/2019

Grant of Authority

Date Effective: 08/10/2004

**Class of Station:** Mobile Earth Station

**Nature of Service:** Domestic Mobile-Satellite Service, International Mobile Satellite Service

Grant of this license is subject to compliance with the provisions of the agreement between Glentel Corp., on the one hand, and the U.S. Department of Justice (the "DOJ") including the Federal Bureau of Investigation (the "FBI"), and the U.S. Department of Homeland Security (the "DHS") on the other, dated June 9, 2004 (the "Glentel Agreement"), which is designed to address national security, law enforcement and public safety issues of the DOJ, the FBI and the DHS regarding the license granted by this Public Notice. Nothing in the Glentel Agreement is intended to limit any obligation imposed by Federal law or regulation including, but not limited to, 47 U.S.C. §§ 222(a) and (c)(1) and the Commission's implementing regulations.

The Glentel Agreement and the Petition to Adopt Conditions to Authorization and License submitted by the FBI on behalf of itself and the DOJ, and the DHS in File No. SES-LIC-20030502-00572, which petition we here grant, is publicly available in the record of this proceeding and may be viewed at [http://svartifoss2.fcc.gov/servlet/ib.page.FetchAttachment?attachment\\_key=386608](http://svartifoss2.fcc.gov/servlet/ib.page.FetchAttachment?attachment_key=386608)

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
1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	12.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A2	0.27 meters	Westinghouse / WEC Contour Dome	CD-JL01003, D-1000



1626.5000 - 1660.5000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A3	0.92 meters	Westinghouse / WEC Fixed	CD-JL01083, F-1000
1626.5000 - 1660.5000 MHz	5M00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
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

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A5	0.27 meters	Westinghouse / WEC Maritime Contour Dome	CD-JL01003-G02
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-date)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A6	1.2 meters	Westinghouse / WEC Multichannel Fixed	F-1000 MC

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A7	0.46 meters	Westinghouse / KVH Single Channel Mariti	M-1015, D-100HF
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A8	0.165 meters	Mitsubishi / MELCO Dome	AU200A, ST-111D

1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	15.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
ANTENNA ID: A10	0.495 meters	Mitsubishi / MELCO Briefcase	ST151

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	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)
1525.0000 - 1559.0000 MHz	5K00G7W		FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
ANTENNA ID: A12	0.15 meters	CAL / Calquest	CQ100

1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
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
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	Slotted Aloha signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-SR-data)
1626.5000 - 1660.5000 MHz	5K00G7W	16.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
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

1626.5000 - 1660.5000 MHz	5K00G7D	16.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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)
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
1626.5000 - 1660.5000 MHz	5K00G7D	13.80 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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)
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
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)
1626.5000 - 1660.5000 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)
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
1626.5000 - 1660.5000 MHz	5K00G7D	16.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-DT-data)

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1626.5000 - 1660.5000 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)
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
1626.5000 - 1660.5000 MHz	5K00G7D	11.50 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)
1626.5000 - 1660.5000 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)

**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-20040426-00603** E E040204 XM RADIO INC.

Application for Authority

08/06/2004 - 08/06/2019

Grant of Authority

Date Effective: 08/06/2004

**Class of Station:** Fixed Earth Stations

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

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	1M84G1E		Audio Content, Ancillary Data, QPSK
7042.6000 - 7074.4000 MHz	800KF2D	74.00 dBW	Command and Ranging
2332.5000 - 2345.0000 MHz	100KG2D		Telemetry



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7056.8450 - 7074.8690 MHz

1M84G1E

78.00 dBW

Audio Content, Ancillary Data, QPSK

**Points of Communication:**

Atlanta - XM-ROCK - (115 W.L.)

Atlanta - XM-ROLL - (115 W.L.)

Atlanta - XM-ROLL - (85 W.L.)

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**SES-LIC-20040621-00852** E E040276 AMERICAN FAMILY INSURANCE GROUP

Application for Authority

08/04/2004 - 08/04/2019

Grant of Authority

Date Effective: 08/04/2004

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

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

SITE ID: 1

LOCATION: AVL 1.2 METER, VARIOUS

ANTENNA ID: AVL1.2 1.2 meters AVL

FLY AND DRIVE

11700.0000 - 12200.0000 MHz 51K2G7D

DIGITAL TRAFFIC, VARIOUS  
INFORMATION, VARIOUS FEC,  
VARIOUS DATA RATES

11700.0000 - 12200.0000 MHz 36M0G7D

DIGITAL TRAFFIC, VARIOUS  
INFORMATION, VARIOUS FEC,  
VARIOUS DATA RATES

14000.0000 - 14500.0000 MHz 36M0G7D 69.00 dBW

DIGITAL TRAFFIC, VARIOUS  
INFORMATION, VARIOUS FEC,  
VARIOUS DATA RATES

14000.0000 - 14500.0000 MHz 51K2G7D 40.60 dBW

DIGITAL TRAFFIC, VARIOUS  
INFORMATION, VARIOUS FEC,  
VARIOUS DATA RATES

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20040623-00869** E E040278 NEWSCHANNEL 5 NETWORK, L.P.

Application for Authority

08/04/2004 - 08/04/2019

Grant of Authority

Date Effective: 08/04/2004

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

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

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SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	1.2 meters	AVL TECHNOLOGY	1200	
14000.0000 - 14500.0000 MHz	36M0G7W	64.50 dBW		ONE 36 MBIT MCPC DIGITAL CARRIER FOR VOICE/DATA WITH AN EMISSION DESIGNATOR OF 36M0G7W.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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<b>SES-MOD-20040310-00355</b>	E	KA267	Intelsat LLC	
Application for Modification			03/31/1999 - 03/31/2009	
Grant of Authority			Date Effective: 08/05/2004	

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: KAM HIGHWAY, OAHU, HAWAII P.O. BOX 215, OAHU, PAUMALU, HI  
21 ° 40 ' 14.10 " N LAT. 158 ° 2 ' 6.10 " W LONG.

ANTENNA ID: 1	9 meters	VERTEX COMMUNICATION	9KPC	
6172.0000 - 6178.0000 MHz	800KFXD	80.03 dBW		COMMAND SIGNAL
5850.0000 - 6425.0000 MHz	1M50F3X	80.03 dBW		ENERGY-DISPERSED FM TEST SIGNAL
3947.0000 - 3953.0000 MHz	800KGXD			TELEMETRY SIGNAL
3625.0000 - 4200.0000 MHz	1M50F3X			ENERGY-DISPERSED FM TEST SIGNAL
6390.3000 - 6425.0000 MHz	800KFXD	80.03 dBW		COMMAND AND RANGING SERVICES
6350.6000 - 6360.0000 MHz	800KFXD	80.03 dBW		COMMAND AND RANGING SERVICES
6242.0000 - 6340.3000 MHz	800KFXD	80.03 dBW		COMMAND AND RANGING SERVICES
5850.0000 - 6211.6000 MHz	800KFXD	80.03 dBW		COMMAND AND RANGING SERVICES
3625.0000 - 4200.0000 MHz	800KFXD			COMMAND AND RANGING SERVICES

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**Points of Communication:**

1 - INTELSAT POR - (174.0 E.L.)

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

1 - INTELSAT POR - (180.0 E.L.)

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

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**SES-MOD-20040310-00357** E KA266 Intelsat LLC

Application for Modification

03/31/1999 - 03/31/2009

Grant of Authority

Date Effective: 08/05/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: KAM HIGHWAY, OAHU, HAWAII, OAHU, PAUMALU, HI

21 ° 40 ' 15.50 " N LAT.

158 ° 2 ' 6.10 " W LONG.

ANTENNA ID:	C-LMA-T4	9 meters	VERTEX	9KPC
6172.0000 - 6178.0000 MHz	800KFXD	80.03 dBW	ENERGY-DISPEASED FM TEST SIGNAL	
5850.0000 - 6425.0000 MHz	1M50F3X	80.03 dBW	ENERGY-DISPEASED FM TEST SIGNAL	
3625.0000 - 4200.0000 MHz	1M50F3X		COMMAND SIGNAL	
6098.6000 - 6211.6000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6390.3000 - 6425.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6350.6000 - 6360.0000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
6242.0000 - 6340.3000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
5850.0000 - 6088.3000 MHz	800KFXD	80.03 dBW	COMMAND AND RANGING CARRIER	
3625.0000 - 4200.0000 MHz	800KFXD		COMMAND AND RANGING CARRIER	

**Points of Communication:**

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1 - INTELSAT POR - (174.0 E.L.)

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

1 - INTELSAT POR - (180.0 E.L.)

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

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**SES-MOD-20040426-00588** E E930182 GTECH CORP.

Application for Modification

07/30/2003 - 07/30/2018

Grant of Authority

Date Effective: 08/04/2004

**Class of Station:** VSAT Network

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

SITE ID: CTR 1.2M

LOCATION: CONUS, HI, AK, PR, US VI 1.2M (35,000 TERMINAL)

ANTENNA ID:	CTR 1.2	1.2 meters	CHANNEL MASTER	1124, 1134
14000.0000 - 14500.0000 MHz	60K0G7W	40.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER	
14000.0000 - 14500.0000 MHz	120KG7W	40.60 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER	
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER	
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER	
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK DIGITAL BROADCAST CARRIER	
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER	

SITE ID: HUB (4.6M)

LOCATION: 55 TECHNOLOGY WAY, KENT, WEST GREENWICH, RI

41 ° 39 ' 23.00 " N LAT.

71 ° 34 ' 16.00 " W LONG.

ANTENNA ID:	HUB 4.6	4.6 meters	ANDREW CORP.	ESA46-124
14000.0000 - 14500.0000 MHz	500KG7D	54.00 dBW		
14000.0000 - 14500.0000 MHz	6M20G7W	64.50 dBW	QPSK, 5 MSPS BROADCAST DIGITAL CARRIER	
14000.0000 - 14500.0000 MHz	1M60G7W	60.50 dBW	MSK BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER	

14000.0000 - 14500.0000 MHz	2M40G7W	62.60 dBW	BPSK DIGITAL BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	1M20G7W	59.60 dBW	BPSK DIGITAL BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	800KG7W	57.80 dBW	BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	30K0G7D		
11700.0000 - 12200.0000 MHz	200KG7W		OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	120KG7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	60K0G7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
SITE ID: CTR .96M			
LOCATION: CONUS, AK, HI, PR, U.S. VI .96M (35,000 TERMINALS)			
ANTENNA ID: CTR .96	0.96 meters	CHANNEL MASTER (62x89cm)	960
14000.0000 - 14500.0000 MHz	120KG7W	41.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	60K0G7W	38.20 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER
SITE ID: CTR .75M			
LOCATION: CONUS, AK, HI, PR, U.S., VI .75M (40,000 TERMINALS)			
ANTENNA ID: CTR .75	0.75 meters	CHANNEL MASTER	75e
14000.0000 - 14500.0000 MHz	120KG7W	38.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER

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14000.0000 - 14500.0000 MHz	60K0G7W	35.80 dBW	MSK (QPSK VARIANT) BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W		BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W		BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	800KG7W		BPSK DIGITAL BROADCAST CARRIER

SITE ID: HUB (7.6M)

LOCATION: 55 TECHNOLOGY WAY, KENT, WEST GREENWICH, RI

41 ° 39 ' 23.00 " N LAT.

71 ° 34 ' 16.00 " W LONG.

ANTENNA ID: HUB 7.6      7.6 meters      ANDREW      ES76-KNH1

14000.0000 - 14500.0000 MHz	500KG7D	66.70 dBW	
14000.0000 - 14500.0000 MHz	6M20G7W	64.50 dBW	QPSK, 5 MSPS BROADCAST DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	1M60G7W	60.50 dBW	BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	800KG7W	57.80 dBW	BPSK DIGITAL BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	1M20G7W	59.60 dBW	BPSK DIGITAL BROADCAST CARRIER
14000.0000 - 14500.0000 MHz	2M40G7W	62.60 dBW	BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	30K0G7D		
11700.0000 - 12200.0000 MHz	200KG7W		OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	120KG7W		MSK (QPSK VARIANT) BROADCAST DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	60K0G7W		MSK (QPSK VARIANT) BROADCAST DIGITAL CARRIER

SITE ID: PTR .74M

LOCATION: CONUS, HI, AK, PR, U.S., VI .74M (40,000 TERMINALS)

ANTENNA ID:	PTR .74	0.74 meters	PRODELIN(98x56cm)	HANT-91TR
	14000.0000 - 14500.0000 MHz	200KG7W	39.20 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	PTR .98M			
LOCATION:	CONUS, HI, AK, PR, U.S., VI .98M (35,000 TERMINALS)			
ANTENNA ID:	PTR .98	0.98 meters	PRODELIN	9008668
	14000.0000 - 14500.0000 MHz	200KG7W	41.50 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	PTR 1.2M			
LOCATION:	CONUS, HI, AK, PR, U.S., VI 1.2M (35,000 TERMINALS)			
ANTENNA ID:	PTR 1.2	1.2 meters	PRODELIN	1123
	14000.0000 - 14500.0000 MHz	200KG7W	43.20 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	PTR 1.8M			
LOCATION:	CONUS, HI, AK, PR, U.S., VI 1.8M (25,000 TERMINALS)			
ANTENNA ID:	PTR 1.8	1.8 meters	PRODELIN	1184
	14000.0000 - 14500.0000 MHz	200KG7W	46.80 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
SITE ID:	CTR 1.8M			
LOCATION:	CONUS, HI, AK, PR, US VI 1.8M (25,000 TERMINAL)			
ANTENNA ID:	CTR 1.8	1.8 meters	CHANNEL MASTER	183
	14000.0000 - 14500.0000 MHz	60K0G7W	43.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
	14000.0000 - 14500.0000 MHz	120KG7W	46.80 dBW	MSK (QPSK VARIANT) RETURN DIGITAL CARRIER

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11700.0000 - 12200.0000 MHz	800KG7W	BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M20G7W	BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	1M60G7W	BPSK DIGITAL BROADCAST CARRIER
11700.0000 - 12200.0000 MHz	2M40G7W	BPSK DIGITAL BROADCAST CARRIER

**Points of Communication:**

CTR .75M - AMC-3 - (87 W.L.)

CTR .75M - AMC-4 (formerly GE-4 - (101 W.L.)

CTR .96M - AMC-3 - (87 W.L.)

CTR .96M - AMC-4 (formerly GE-4 - (101 W.L.)

CTR 1.2M - ALSAT - (ALSAT)

CTR 1.8M - ALSAT - (ALSAT)

HUB (4.6M) - ALSAT - (ALSAT)

HUB (7.6M) - ALSAT - (ALSAT)

PTR .74M - AMC-3 - (87 W.L.)

PTR .74M - AMC-4 (formerly GE-4 - (101 W.L.)

PTR .98M - AMC-3 - (87 W.L.)

PTR .98M - AMC-4 (formerly GE-4 - (101 W.L.)

PTR 1.2M - ALSAT - (ALSAT)

PTR 1.8M - ALSAT - (ALSAT)

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<b>SES-MOD-20040526-00729</b>	E	E990523	Loral Skynet Network Services, Inc. (Debtor-in-Possession)
Application for Modification			01/19/2000 - 01/19/2010
Grant of Authority			Date Effective: 08/10/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 24

LOCATION: 2301 COLOMBIA BLVD., RICHMOND, 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
14000.0000 - 14500.0000 MHz	18M0F8F-	72.70 dBW	FM ANALOG VIDEO/AUDIO
14000.0000 - 14500.0000 MHz	36M0F8F	72.70 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-	72.70 dBW	MULTIPLE CHAN/CARRIER DIGITAL VIDEO/AUDIO
14000.0000 - 14500.0000 MHz	36M0G7F	72.70 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	72.70 dBW	QPSK, 8PSK DIGITAL DATA
14000.0000 - 14500.0000 MHz	618KG7W-	60.29 dBW	16QAM DIGITAL DATA
14000.0000 - 14500.0000 MHz	20M3G7W	72.70 dBW	16QAM DIGITAL DATA
11700.0000 - 12200.0000 MHz			

**Points of Communication:**

24 - ALSAT - (ALSAT)

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

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

**SES-MOD-20040614-00821** E E960465 VIACOM, INC.

Application for Modification

09/06/1996 - 09/06/2006

Grant of Authority

Date Effective: 08/04/2004

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

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

"MOD" to change existing antenna manufacturer and model number from a Advent/Newswift to a AVL 1200 US DSNG, emission designators and related services from 36M0F3F, 36M0G7E to 24M0G7F, and for facilities for which environmental assessment and radiation hazard reporting is required.

SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	1.2 meters	AVL	1200 US DSNG
14000.0000 - 14500.0000 MHz	24M0G7F	62.24 dBW	PSK DIGITAL VIDEO W/AUDIO/DATA
11700.0000 - 12200.0000 MHz	24M0G7F		PSK DIGITAL VIDEO W/AUDIO/DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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<b>SES-MOD-INTR2004-01568</b>	E	E880053	MOBILE SATELLITE COMMUNICATIONS, INC. D/B/A PITTSBURGH INTERNATIONAL TELEPORT
Application for Modification			12/04/1997 - 12/04/2007
Withdrawn			Date Effective: 08/10/2004

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**Points of Communication:**

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<b>SES-REG-20040629-00897</b>	E	E040289	CENTENARY COLLEGE
Registration			06/29/2004 - 06/29/2019
Grant of Authority			Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 400 JEFFERSON STREET (WNTI), WARREN, HACKETTSTOWN, NJ  
40 ° 50 ' 57.70 " N LAT. 74 ° 49 ' 57.80 " 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 AUDIO CARRIER
3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-REG-20040630-00896** E E040288 RURAL CALIFORNIA BROADCASTING CORP.

Registration 06/30/2004 - 06/30/2019

Grant of Authority Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5850 LABATH AVENUE (KRCB-FM), SONOMA, ROHNERT PARK, CA  
38 ° 21 ' 14.30 " N LAT. 122 ° 43 ' 8.60 " 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 AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW DIGITAL AUDIO CARRIER

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-RWL-20040804-01091** E E940373 Verestar, Inc. (Debtor-in-Possession)

Renewal 08/19/2004 - 08/19/2019

Grant of Authority Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 6461 Stephenson Way, FAIRFAX, ALEXANDRIA, VA  
38 ° 47 ' 39.00 " N LAT. 77 ° 10 ' 0.00 " W LONG.

ANTENNA ID: 1 3.5 meters VERTEX 3.5 KDC

14000.0000 - 14500.0000 MHz 10M0G7D 69.70 dBW

14000.0000 - 14500.0000 MHz 200KF8E 55.40 dBW

11700.0000 - 12200.0000 MHz 10M0G7D

11700.0000 - 12200.0000 MHz 200KF8E

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-RWL-20040804-01093** E E940372 BP Amoco Corporation

Renewal

09/02/2004 - 09/02/2019

Grant of Authority

Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 150 WEST WARRENVILLE ROAD, NAPERVILLE, IL

41 ° 48 ' 31.00 " N LAT.

88 ° 9 ' 9.00 " W LONG.

ANTENNA ID: 1 6.1 meters VERTEX 6.1 KPK

14000.0000 - 14500.0000 MHz 1M23G7W 64.80 dBW

14000.0000 - 14500.0000 MHz 288KF9W 50.80 dBW

14000.0000 - 14500.0000 MHz 154KF9W 49.10 dBW

14000.0000 - 14500.0000 MHz 128KF9W 52.10 dBW

11700.0000 - 12200.0000 MHz 1M23G7W

11700.0000 - 12200.0000 MHz 288KF9W

11700.0000 - 12200.0000 MHz 154KF9W

11700.0000 - 12200.0000 MHz 128KF9W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20040804-01094** E E940425 Verestar, Inc. (Debtor-in-Possession)

Renewal

09/23/2004 - 09/23/2019

Grant of Authority

Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 6461 STEPHENSON WAY, FAIRFAX, ALEXANDRIA, VA

38 ° 47 ' 27.00 " N LAT.

77 ° 10 ' 9.00 " W LONG.

ANTENNA ID: 1 5.6 meters ANDREW ESA56-124B

14000.0000 - 14500.0000 MHz 36M0F8F 80.08 dBW ANALOG TV WITH ASSOCIATED AUDIO

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14000.0000 - 14500.0000 MHz	10M0G7D	74.00 dBW	IBS/DATA
14000.0000 - 14500.0000 MHz	200KF8E	71.00 dBW	SCPC AUDIO
11700.0000 - 12200.0000 MHz	36M0F8F		ANALOG TV WITH AUDIO
11700.0000 - 12200.0000 MHz	10M0G7D		IBS/DATA
11700.0000 - 12200.0000 MHz	200KF8E		SCPC AUDIO
11470.0000 - 11700.0000 MHz	36M0F8F		ANALOG TV WITH ASSOCIATED AUDIO
11470.0000 - 11700.0000 MHz	10M0G7D		IBS/DATA
11470.0000 - 11700.0000 MHz	200KF8E		SCPC AUDIO
10950.0000 - 11200.0000 MHz	36M0F8F		ANALOG TV WITH ASSOCIATED AUDIO
10950.0000 - 11200.0000 MHz	10M0G7D		IBS/DATA
10950.0000 - 11200.0000 MHz	200KF8E		SCPC AUDIO

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)

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1 - INTELSAT AOR - (338.7 E.L.)

1 - New Skies K - (338.5 E.L.)

1 - PAS-1R - (45.0 W.L.)

1 - PAS-3R - (43.0 W.L.)

1 - SOLIDARIDAD F-1 - (109.2 W.L.)

1 - TELESTAR 11 - (37.5 W.L.)

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**SES-RWL-20040805-01100** E E940423 LOTTERY & EDUCATIONAL TELECOMMUNICATION SERVICE

Renewal

09/09/2004 - 09/09/2019

Grant of Authority

Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 205 JEFFERSON STREET, COLE, JEFFERSON CITY, MO

38 ° 34 ' 38.00 " N LAT.

92 ° 10 ' 16.00 " W LONG.

ANTENNA ID: 1

9.1 meters

VERTEX

KPK

6175.0000 - 6419.0000 MHz

36M0F8W

83.50 dBW

5925.0000 - 6175.0000 MHz

36M0F8W

80.50 dBW

3700.0000 - 4200.0000 MHz

36M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20040805-01101** E WN73 INSIGHT COMMUNICATIONS MIDWEST, LLC

Renewal

09/14/2004 - 09/14/2019

Grant of Authority

Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: OGLE, OREGON, IL

42 ° 1 ' 1.00 " N LAT.

89 ° 18 ' 41.00 " W LONG.

ANTENNA ID: 1

5 meters

FORT WORTH TOWER CO.

FWT-5

3700.0000 - 4200.0000 MHz

36000F9

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20040806-01109** E E940495 CBS BROADCASTING INC.

Renewal

09/13/2004 - 09/13/2019

Grant of Authority

Date Effective: 08/09/2004

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 8800 BROOKVILLE ROAD, MONTGOMERY, SILVER SPRING, MD

39 ° 0 ' 0.00 " N LAT.

77 ° 3 ' 29.00 " W LONG.

ANTENNA ID: 1

6 meters

SCIENTIFIC-ATLANTA

8060

3700.0000 - 4200.0000 MHz

36M0F8W

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**Dismissal**

**SES-STA-20030502-00573** E030097 GLENTEL CORP.

This STA is hereby dismissed. Its associated underlying application (SES-LIC-2003050200572) was granted on August 10, 2004.

**INFORMATIVE**

**SES-LIC-20030311-00353** E030055 SKYWAVE MOBILE COMMUNICATIONS, CORP.

On August 6, 2004, based on NTIA's August 4, 2004, letter, we reissued SkyWave's license to reflect the change of its license term from two-year to 15-year.

**SES-RWL-19940125-01961** E6882 Comcast of South Jersey, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19941130-00195** E7444 Comcast of Potomac, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19961022-00285** E865042 Comcast of South Jersey, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19980626-00746** E880574 Comcast of Plainfield, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19981005-01453** E881388 REUTERS AMERICA INC.

Licensee has changed name, per letter dated July 30, 2004.

**SES-RWL-19981005-01454** E881389 REUTERS AMERICA INC.

Licensee has changed name, per letter dated July 30, 2004.

**SES-RWL-19981005-01455** E881390 REUTERS AMERICA INC.

**INFORMATIVE**

Licensee has changed name, per letter dated July 30, 2004.

**SES-RWL-19990205-00149**      E881128      Comcast of the District, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19990308-00348**      E890085      Comcast of South Jersey, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-19991026-01886**      WU92      Comcast of South Jersey, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20000328-00507**      WD43      Comcast of Ocean County, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20010417-00783**      WH29      Comcast of West Florida Inc

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20010608-01087**      WH53      Comcast of West Florida Inc

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20010608-01088**      WH54      Comcast of West Florida Inc

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20010608-01089**      WH58      Comcast Harford County, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20010919-01774**      WK65      Comcast of Muncie, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20011010-01998**      WL78      Comcast of South Jersey, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20020311-00467**      WB72      Comcast of West Florida Inc

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20020320-00444**      WP98      Comcast of the Meadowlands, LLC

Licensee has changed name only, per letter dated July 22, 2004.

**SES-RWL-20020325-00477**      WQ58      Comcast of Gloucester County, Inc.

Licensee has changed name only, per letter dated July 22, 2004.

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