PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-00470 **Wednesday February 5, 2003**

SATELLITE COMMUNICATIONS SERVICES INFORMATION

RE: ACTIONS TAKEN

The Commission, by its International Bureau, took the following actions pursuant to delegated authority. The effective dates of the actions are the dates specified.

SES-ASG-20030124-00071 P E880592 TWEAN SUBSIDIARY, LLC
Application for Consent to Assignment
Consummated Date Effective: 02/03/2003

Current Licensee: CABLEVISION INDUSTRIES, INC.
FROM: CABLEVISION INDUSTRIES, INC.
TO: TWEAN SUBSIDIARY, LLC
No. of Station(s) listed: 1

SES-ASG-20030124-00099 P E970384 RCN TELECOM SERVICES OF ILLINOIS, LLC
Application for Consent to Assignment
Grant of Authority Date Effective: 02/03/2003

Current Licensee: RCN TELECOM SERVICES OF ILLINOIS, INC.
FROM: RCN TELECOM SERVICES OF ILLINOIS, INC.
TO: RCN TELECOM SERVICES OF ILLINOIS, LLC
No. of Station(s) listed: 1

SES-ASG-20030130-00108 E E880817 KXLN LICENSE PARTNERSHIP, G.P.
Application for Consent to Assignment
Grant of Authority Date Effective: 02/03/2003

Current Licensee: KXLN LICENSE PARTNERSHIP, G.P.
FROM: KXLN LICENSE PARTNERSHIP, G.P.
TO: KXLN LICENSE PARTNERSHIP, L.P.
No. of Station(s) listed: 1

SES-ASG-20030130-00109 E E9468 KUVN LICENSE PARTNERSHIP, G.P.

Application for Consent to Assignment

Grant of Authority Date Effective: 02/03/2003

Current Licensee: KUVN LICENSE PARTNERSHIP, G.P.

FROM: KUVN LICENSE PARTNERSHIP, G.P.

TO: KUVN LICENSE PARTNERSHIP, L.P.

No. of Station(s) listed: 1

SES-LIC-20021112-01945 E E020306 EchoStar Satellite Corporation

Application for Authority 02/03/2003 - 02/03/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Feeder Link for DBS in Fixed Satellite Service, Fixed Satellite Service, Other

SITE ID: GD2

LOCATION: 801 North American Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 59.80 " N LAT. 111 ° 48 ' 52.30 " W LONG.

ANTENNA ID: GD2 9 meters Vertex 9M

12200.0000 - 12700.0000 MHz	24M0G1F	85.78 dBW	Digital Carrier
12200.3500 - 12200.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
12202.3500 - 12202.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
12698.3500 - 12698.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
17300.0000 - 17800.0000 MHz	24M0G1F	85.78 dBW	Digital Carrier
17308.2500 - 17309.7500 MHz	1M50G2D	73.70 dBW	Telemetry Beacon (TT&C)

Points of Communication:

GD2 - ECHOSTAR 2 - (119 W.L.)

GD2 - ECHOSTAR 2 - (148 W.L.)

GD2 - ECHOSTAR 3 - (61.5 W.L.)

GD2 - ECHOSTAR 4 - (119 W.L.)

GD2 - ECHOSTAR 4 - (119 W.L.)

GD2 - ECHOSTAR 5 - (110 W.L.)

GD2 - ECHOSTAR 5 - (110 W.L.)

GD2 - ECHOSTAR 6 - (119 W.L.)

SES-LIC-20021112-01946 E E020307 EchoStar Satellite Corporation

Application for Authority 02/03/2003 - 02/03/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Feeder Link for DBS in Fixed Satellite Service, Other

SITE ID: GT3

LOCATION: 801 North American Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 55.30 " N LAT. 111 ° 48 ' 51.40 " W LONG.

ANTENNA ID: GT3 13 meters Vertex 13 KPK

12200.0000 - 12700.0000 MHz	24M0G1F	87.40 dBW	Digital Carrier
12200.3500 - 12200.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
12202.3500 - 12202.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
12698.3500 - 12698.6500 MHz	300KG2D	87.40 dBW	Telemetry Beacon (TT&C)
17308.2500 - 17309.7500 MHz	1M50G2D	77.00 dBW	Telemetry Beacon (TT&C)
17300.0000 - 17800.0000 MHz	24M0G1F	87.40 dBW	Digital Carrier

Points of Communication:

GT3 - ECHOSTAR 2 - (119 W.L.)

GT3 - ECHOSTAR 3 - (61.5 W.L.)

GT3 - ECHOSTAR 4 - (119 W.L.)

GT3 - ECHOSTAR 5 - (110 W.L.)

GT3 - ECHOSTAR 6 - (119 W.L.)

SES-LIC-20021114-01984 E E020316 DATAPATH-INC.

Application for Authority 01/30/2003 - 01/30/2018

Grant of Authority Date Effective: 01/30/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: BLDG. 28434 (FORT GORDON), RICHMOND, AUGUST, GA
33 ° 25 ' 5.80 " N LAT. 82 ° 8 ' 50.20 " W LONG.

ANTENNA ID: 1C-BAND 8.1 meters VERTEX 8.1KPC

5925.0000 - 6047.0000 MHz	1M85G7D	71.45 dBW	DIGITAL DATA
6080.0000 - 6181.0000 MHz	1M85G7D	71.45 dBW	DIGITAL DATA
6214.0000 - 6299.0000 MHz	1M85G7D	71.45 dBW	DIGITAL DATA
6332.0000 - 6425.0000 MHz	1M85G7D	71.45 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz	1M85G7D		DIGITAL DATA

ANTENNA ID: 1KU-BAND 6.3 meters VERTEX 6.3KPK

14000.0000 - 14500.0000 MHz	1M85G7D	70.45 dBW	DIGITAL DATA
11700.0000 - 12200.0000 MHz	1M85G7D		DIGITAL DATA

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20021119-02018 E E020321 VERESTAR, INC.
Application for Authority 01/30/2003 - 01/30/2018
Grant of Authority Date Effective: 01/30/2003

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 ' 42.00 " N LAT. 96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: AC7 6.1 meters VERTEX COMMUNICATIONS C61KDFRL1

5925.0000 - 6425.0000 MHz	36M0F8F	63.59 dBW	ANALOG TV WITH ASSOCIATED AUDIO
5925.0000 - 6425.0000 MHz	36M0G1F	63.59 dBW	DIGITAL TV
5925.0000 - 6425.0000 MHz	1M85G7D	63.59 dBW	DATA, IBS
3700.0000 - 4200.0000 MHz	1M85G7D		DATA, IBS

3700.0000 - 4200.0000 MHz	36M0G1F	DIGITAL TV
3700.0000 - 4200.0000 MHz	36M0F8F	ANALOG TV WITH ASSOCIATED AUDIO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20021119-02019 E E020322 VERESTAR, INC.

Application for Authority 01/30/2003 - 01/30/2018

Grant of Authority Date Effective: 01/30/2003

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 ' 42.00 " N LAT. 96 ° 58 ' 56.00 " W LONG.

ANTENNA ID: AC8 6.1 meters VERTEX COMMUNICATIONS C61KTRL

3700.0000 - 4200.0000 MHz	1M85G7D		DATA, IBS
5925.0000 - 6425.0000 MHz	36M0F8F	69.60 dBW	ANALOG TV WITH ASSOCIATED AUDIO
5925.0000 - 6425.0000 MHz	36M0G1F	69.60 dBW	DIGITAL TV
5925.0000 - 6425.0000 MHz	1M85G7D	69.60 dBW	DATA, IBS
3700.0000 - 4200.0000 MHz	36M0G1F		DIGITAL TV
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG TV WITH ASSOCIATED AUDIO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-MOD-20020906-01531 P E930367 MOBILE SATELLITE VENTURES SUBSIDIARY LLC

Application for Modification 11/23/2001 - 11/23/2009

Grant of Authority Date Effective: 02/03/2003

Class of Station: Mobile Earth Station

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

SITE ID: 1

LOCATION: 100,000 Full-duplex METs & "EMS" half-duplex data METs, CONUS, AK, HI, PR, V

ANTENNA ID: A1 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A10 0.35 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A11 0.25 meters MITSUBISHI/MELCO Omniquest 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A13		MITSUBISHI/MELCO Transportable 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A14	0.46 meters	MITSUBISHI/MELCO Omniquest Fixed		OQFAU, 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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A15 0.85 meters MITSUBISHI/MELCO Fixed AU601B,ST221M

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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A16 0.46 meters EMS/GETS 0955-A-0100

1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	17.50 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	17.50 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 diffenentially 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: A17 0.46 meters WESTINGHOUSE/WEC M-1075 MARITIME M-1075,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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A18 0 meters WESTINGHOUSE WEC D DOME CD-JL01003,.D-1000H

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	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)
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 diffenentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)
ANTENNA ID: A19	0 meters	WEC D-1000MH MARITIME DOME		CDJL01003-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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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		WESTINGHOUSE/WEC Contour Dome		CD-JL01003, D-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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A20 MITSUBISHI/MELCO DOME AU201A, ST-211D

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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A21 0.6 meters MITSUBISHI/MELCO Fixed AU601A,ST-221

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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A22 0.3 meters KVH TRACPHONE AU900A,ST131

1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW	TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (MT-ST-data)
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 dBW	FDMA communications channel (voice or data) using differentially encoded QPSK at a transmission rate of 3375 bps
1626.5000 - 1660.5000 MHz	5K00G7W	11.00 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 diffenentially 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: A23 MITSUBISHI/MELCO MAST AU110A,ST111

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	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)
1525.0000 - 1559.0000 MHz	5K00G7W		TDM signaling channel using diffenentially 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: A3	0.92 meters	WESTINGHOUSE/WEC Fixed Site(0.92m)		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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A4	0.76 meters	WESTINGHOUSE/WEC Fixed Site(0.76m)		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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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		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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A6	1.2 meters	WESTINGHOUSE/WEC Mult.Fixed Site		F-1000MC
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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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 SC Maritime		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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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		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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: A9	0.6 meters	MITSUBISHI/MELCO Fixed Site		AU500A,ST-121
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	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)
1525.0000 - 1559.0000 MHz	5K00G7W			TDM signaling channel using diffenentially 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: D1		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			TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)
ANTENNA ID: D2	0.415 meters	NARROWBAND/Narrowband Fixed Site		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		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D3 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		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D4 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)
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		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (DH-D-data)

ANTENNA ID: D5 EMS/Packet Data/half duplex 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-ST-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-SR-data)
1525.0000 - 1559.0000 MHz	5K00G7D		TDMA signaling channel using differentially encoded QPSK at a transmission rate of 3375 bps (GC-S-data)

Points of Communication:

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

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

SES-MOD-20020920-01645 E KA249 Telenor Satellite, Inc.

Application for Modification 10/09/2001 - 10/09/2011

Grant of Authority Date Effective: 01/30/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Aeronautical Mobile-Satellite Service, Feeder Link in Fixed Satellite Service, Fixed Satellite Service, International Aeronautical Mobile-Satellite Serv.

SITE ID: SANTA PAULA

LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA

34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 13M 13 meters UNIVERSAL 1130

6454.4000 - 6456.6000 MHz	2M20G1D	82.30 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
6440.8000 - 6443.0000 MHz	2M20G1D	78.00 dBW	DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
3629.4000 - 3631.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
5925.0000 - 6425.0000 MHz	36M0F8F	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	82.70 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	88.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.50 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	88.00 dBW	DIGITAL VOICE AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.90 dBW	DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE AND DATA

ANTENNA ID: 1.8M 1.8 meters PRODELIN CORP. 1183

1574.4000 - 1576.6000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM
1545.8000 - 1548.0000 MHz	2M20G1D		DIGITAL DATA & FEEDERLINK TO SUPPORT FAA-WASS PROGRAM

Points of Communication:

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT Ltd.-2 POR - (@ 179 DEGR)

SANTA PAULA - INMARSAT Ltd-3 - (178 E.L.)

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, International Aeronautical Mobile-Satellite Serv., Feeder Link for Mobile Satellite Service, International Maritime Mobile Satellite Service

SITE ID: SANTA PAULA
LOCATION: 7676 PINE GROVE ROAD, VENTURA, SANTA PAULA, CA
34 ° 24 ' 5.00 " N LAT. 119 ° 4 ' 29.40 " W LONG.

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD

5925.0000 - 6425.0000 MHz	36M0F8F	82.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	82.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	87.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	83.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	87.80 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	60.70 dBW	DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE, AND DATA

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD 42 FT.

6454.4000 - 6456.6000 MHz			
6443.0000 - 6454.0000 MHz			
6440.0000 - 6443.0000 MHz	600HG1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	1K20G1D	70.00 dBW	AERO

6440.0000 - 6443.0000 MHz	2K40G1D	70.00 dBW	AERO
6440.0000 - 6443.0000 MHz	10K5G1E	70.00 dBW	AERO
6425.0000 - 6443.0000 MHz	NON	70.00 dBW	Communications System Monitoring (CSM)
6425.0000 - 6443.0000 MHz	600KFXN	70.00 dBW	CSM
6425.0000 - 6440.0000 MHz	NON	77.00 dBW	PILOT
6425.0000 - 6440.0000 MHz	30K0F3E	77.00 dBW	
6425.0000 - 6440.0000 MHz	600HG1D	77.00 dBW	
6425.0000 - 6440.0000 MHz	1K20G1D	77.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW	
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW	
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW	
6420.0000 - 6424.0000 MHz	24K0F3E	77.00 dBW	AFRTS audio program channel services vis satellite at 176.5 degrees East
6417.0000 - 6443.0000 MHz	4K00G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	4K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	6K00G1D	77.00 dBW	
6417.0000 - 6443.0000 MHz	7K50G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G3E	77.00 dBW	
6417.0000 - 6443.0000 MHz	12K0G1D	77.00 dBW	
6416.0000 - 6418.0000 MHz	600KFXN	75.00 dBW	TT&C / MARECS
6416.0000 - 6418.0000 MHz	900KF2D	75.00 dBW	TT&C / MARECS
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW	
6170.0000 - 6180.0000 MHz	900KF2D	89.00 dBW	TT&C / INMARSAT II
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW	

5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW	
4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
4192.5000 - 4200.0000 MHz	3K00G1D		
4192.5000 - 4200.0000 MHz	4K00G1D		
4192.5000 - 4200.0000 MHz	4K00G3E		
4192.5000 - 4200.0000 MHz	7K50G3E		
4192.5000 - 4200.0000 MHz	12K0G1D		
4192.5000 - 4200.0000 MHz	12K0G3E		
4192.5000 - 4200.0000 MHz	NON		PILOT
4192.5000 - 4200.0000 MHz	600HG1D		
4192.5000 - 4200.0000 MHz	1K20G1D		
4192.5000 - 4200.0000 MHz	4K80G1D		
4188.0000 - 4189.0000 MHz	1K00G1D		TT&C / MARECS
3954.5000 - 3954.5000 MHz	1K00G1D		
3954.5000 - 3954.5000 MHz	14K5F2D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	14K5F2D		
3945.0000 - 3955.0000 MHz	1K00G1D		TT&C / INMARSAT II
3700.5000 - 3700.5000 MHz	1K00G1D		
3620.0000 - 3623.0000 MHz	600HG1D		AERO
3620.0000 - 3623.0000 MHz	1K20G1D		AERO

3620.0000 - 3623.0000 MHz	2K40G1D		AERO
3620.0000 - 3623.0000 MHz	10K5G1E		AERO
3600.0000 - 3629.0000 MHz			
3600.0000 - 3623.0000 MHz	NON		CSM
3600.0000 - 3623.0000 MHz	300KFXN		CSM
3600.0000 - 3623.0000 MHz	3K00G1D		
3600.0000 - 3623.0000 MHz	4K00G1D		
3600.0000 - 3623.0000 MHz	4K00G3E		
3600.0000 - 3623.0000 MHz	7K50G3E		
3600.0000 - 3623.0000 MHz	12K0G1D		
3600.0000 - 3623.0000 MHz	12K0G3E		
3600.0000 - 3620.0000 MHz	NON		PILOT
3600.0000 - 3620.0000 MHz	600HG1D		
3600.0000 - 3620.0000 MHz	4K80G1D		
3600.0000 - 3620.0000 MHz	30K0F3E		
1646.5000 - 1649.5000 MHz	600HG1D	15.00 dBW	AERO
1646.5000 - 1649.5000 MHz	1K20G1D	18.00 dBW	AERO
1646.5000 - 1649.5000 MHz	2K40G1D	21.00 dBW	AERO
1646.5000 - 1649.5000 MHz	10K5G1E	27.00 dBW	AERO
1638.5000 - 1642.5000 MHz	NON	37.00 dBW	
1626.5000 - 1660.5000 MHz			
1626.5000 - 1649.5000 MHz	300KFXN	62.00 dBW	CSM
1626.5000 - 1649.5000 MHz	NON	62.00 dBW	PILOT
1626.5000 - 1646.5000 MHz	NON	37.00 dBW	PILOT

1626.5000 - 1646.5000 MHz	600HG1D	16.00 dBW	CSM
1626.5000 - 1646.5000 MHz	1K20G1D	16.00 dBW	CSM
1626.5000 - 1646.5000 MHz	4K80G1D	37.00 dBW	CSM
1626.5000 - 1646.5000 MHz	30K0F3E	37.00 dBW	CSM
1574.4000 - 1576.6000 MHz			
1545.0000 - 1548.0000 MHz	600HG1D		AERO
1545.0000 - 1548.0000 MHz	1K20G1D		AERO
1545.0000 - 1548.0000 MHz	2K40G1D		AERO
1545.0000 - 1548.0000 MHz	10K5G1E		AERO
1541.5000 - 1541.5000 MHz	NON		
1530.0000 - 1548.0000 MHz	NON		CSM
1530.0000 - 1548.0000 MHz	600KFXN		CSM
1530.0000 - 1545.0000 MHz	NON		PILOT
1530.0000 - 1545.0000 MHz	600HG1D		CSM
1530.0000 - 1545.0000 MHz	1K20G1D		CSM
1530.0000 - 1545.0000 MHz	30K0F3E		CSM
1525.0000 - 1559.0000 MHz			

ANTENNA ID: 10.4M 10.4 meters NEC 34 FT.

6420.0000 - 6424.0000 MHz	24K0F3E	67.00 dBW
6420.0000 - 6424.0000 MHz	2K50G1D	68.00 dBW
6420.0000 - 6424.0000 MHz	24K0G1D	65.00 dBW
6174.6000 - 6175.4000 MHz	800KFXD	85.00 dBW
5927.0000 - 5927.0000 MHz	800KFXD	85.00 dBW
5925.0000 - 6425.0000 MHz	34M0FXN	85.00 dBW

4195.0000 - 4199.0000 MHz	24K0F3E		
4195.0000 - 4199.0000 MHz	2K50G1D		
4195.0000 - 4199.0000 MHz	24K0G1D		
3954.5000 - 3954.5000 MHz	1K00G1D		
3954.5000 - 3954.5000 MHz	14K5F2D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	1K00G1D		
3945.5000 - 3945.5000 MHz	14K5F2D		
3700.5000 - 3700.5000 MHz	1K00G1D		
1638.5000 - 1642.5000 MHz	NON	37.00 dBW	
1541.5000 - 1541.5000 MHz	NON		
5925.0000 - 6425.0000 MHz	36M0F8F	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	18M0F8F-	80.00 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G7F	85.30 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	4M00G7F-	80.80 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	72M0G7W	85.30 dBW	DIGITAL VOICE, AND DATA
5925.0000 - 6425.0000 MHz	21K9G7W-	58.20 dBW	DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	36M0F8F		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	18M0F8F-		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	4M00G7F-		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	72M0G7W		DIGITAL VOICE, AND DATA
3700.0000 - 4200.0000 MHz	21K9G7W-		DIGITAL VOICE, AND DATA

ANTENNA ID: 12.8M 12.8 meters PHILCO-FORD 42 FT

ANTENNA ID: 10.4M 10.4 meters NEC 34 FT

Points of Communication:

SANTA PAULA - ALSAT - (ALSAT)

SANTA PAULA - INMARSAT AOR-W -

SANTA PAULA - INMARSAT POR -

SANTA PAULA - KS29 - (76 W.L.)

SES-MOD-20020927-01724 P E950473 Hughes Network Systems, Inc.

Application for Modification 11/09/1995 - 11/09/2005

Grant of Authority Date Effective: 01/30/2003

Class of Station: VSAT Network

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

SITE ID: TR 1.0M

LOCATION: CONUS, AK, HI, PR, VI (1 METER 50,000 UNITS)

ANTENNA ID: TR 1M 1 meters HUGHES NETW SYSTS SCE3000172

14000.0000 - 14500.0000 MHz	307KG7D	41.60 dBW	BPSK, DATA, 128, KBPS, INROUTE
11700.0000 - 12200.0000 MHz	1M23G7D		1024 KSPS, BPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M96G7D		3300 KSPS, QPSK, DIGITAL VIDEO CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		5 MSPS, QPSK, MULTIMEDIA CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		10 MSPS, QPSK, MULTIMEDIA CARRIER

Points of Communication:

TR 1.0M - ALSAT - (ALSAT)

SES-MOD-20020927-01725 P E890629 Hughes Network Systems, Inc.

Application for Modification 07/07/1999 - 07/07/2009

Grant of Authority Date Effective: 01/30/2003

Class of Station: VSAT Network

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

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

ANTENNA ID: TR 1.8M 1.8 meters HUGHES NETW SYSTS MS/PES-RFT-180

14000.0000 - 14500.0000 MHz	307KG7D	49.70 dBW	BPSK, DATA, 128, KBPS, INROUTE
14000.0000 - 14500.0000 MHz	614KG7D	49.70 dBW	BPSK, DATA, 256 KBPS, INROUTE
11700.0000 - 12200.0000 MHz	3M96G7D		3300 KSPS, QPSK, DIGITAL VIDEO CARRIER
14000.0000 - 14500.0000 MHz	154KG7D	46.70 dBW	BPSK, DATA, 64 KBPS, INROUTE
11700.0000 - 12200.0000 MHz	1M23G7D		1024 KSPS, BPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		5 MSPS, QPSK, MULTIMEDIA CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		10 MSPS, QPSK, MULTIMEDIA CARRIER

Points of Communication:

TR 1.8M - ALSAT - (ALSAT)

SES-MOD-20020927-01726 P E890630 Hughes Network Systems, Inc.
Application for Modification 07/07/1999 - 07/07/2009
Grant of Authority Date Effective: 01/30/2003

Class of Station: VSAT Network

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

SITE ID: TR 2.4M
LOCATION: CONUS, AK, HI, PR, VI (2.4M 50,000 TERMINALS)

ANTENNA ID: TR 2.4M 2.4 meters HUGHES NETW SYSTS PES-RFT-240

14000.0000 - 14500.0000 MHz	154KG7D	48.80 dBW	BPSK, DATA, 64 KBPS, INROUTE
14000.0000 - 14500.0000 MHz	307KG7D	51.80 dBW	BPSK, DATA, 128, KBPS, INROUTE
11700.0000 - 12200.0000 MHz	1M23G7D		1024 KSPS, BPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M96G7D		3300 KSPS, QPSK, DIGITAL VIDEO CARRIER

14000.0000 - 14500.0000 MHz	614KG7D	51.80 dBW	BPSK, DATA, 256 KBPS, INROUTE
11700.0000 - 12200.0000 MHz	6M00G7D		5 MSPS, QPSK, MULTIMEDIA CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		10 MSPS, QPSK, MULTIMEDIA CARRIER

Points of Communication:

TR 2.4M - ALSAT - (ALSAT)

SES-MOD-20020927-01727 P E890627 Hughes Network Systems, Inc.

Application for Modification 07/07/1999 - 07/07/2009

Grant of Authority Date Effective: 01/30/2003

Class of Station: Fixed Earth Stations

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

SITE ID: HUB

LOCATION: 111 WASHINGTON AVENUE, HENNEPIN, MINNEAPOLIS, MN

44 ° 58 ' 15.00 " N LAT. 93 ° 15 ' 50.00 " W LONG.

ANTENNA ID: 6.1M 6.1 meters VERTEX 6.1 KPK

14000.0000 - 14500.0000 MHz	1M23G7D	66.40 dBW	1024 KSPS, BPSK, DIGITAL CARRIER
14000.0000 - 14500.0000 MHz	3M96G7D	71.90 dBW	3300 KSPS, QPSK, DIGITAL VIDEO CARRIER
11700.0000 - 12200.0000 MHz	154KG7D		BPSK, DATA, 64 KBPS, INROUTE
11700.0000 - 12200.0000 MHz	307KG7D		BPSK, DATA, 128 KBPS, INROUTE
11700.0000 - 12200.0000 MHz	614KG7D		BPSK, DATA, 256 KBPS, INROUTE
14000.0000 - 14500.0000 MHz	6M00G7D	74.70 dBW	5 MSPS, QPSK, MULTIMEDIA CARRIER
14000.0000 - 14500.0000 MHz	12M0G7D	77.70 dBW	10 MSPS, QPSK, MULTIMEDIA CARRIER

Points of Communication:

HUB - ALSAT - (ALSAT)

SES-MOD-20020927-01728 P E890628 Hughes Network Systems, Inc.

Application for Modification 07/07/1999 - 07/07/2009

Grant of Authority Date Effective: 01/30/2003

Class of Station: VSAT Network

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

SITE ID: TR 1.2M

LOCATION: CONUS, AK, HI, PR, VI (50,000 (1.2M) REMOTE TERMINALS)

ANTENNA ID: TR 1.2M 1.2 meters HUGHES NETW SYSTS MS/PES-RFT-120

14000.0000 - 14500.0000 MHz	154KG7D	43.10 dBW	BPSK, DATA, 64 KBPS, INROUTE
14000.0000 - 14500.0000 MHz	307KG7D	46.10 dBW	BPSK, DATA, 128, KBPS, INROUTE
14000.0000 - 14500.0000 MHz	614KG7D	46.10 dBW	BPSK, DATA, 256, KBPS, INROUTE
11700.0000 - 12200.0000 MHz	1M23G7D		1024 KSPS, BPSK, DIGITAL CARRIER
11700.0000 - 12200.0000 MHz	3M96G7D		3300 KSPS, QPSK, DIGITAL VIDEO CARRIER
11700.0000 - 12200.0000 MHz	6M00G7D		5 MSPS, QPSK, MULTIMEDIA CARRIER
11700.0000 - 12200.0000 MHz	12M0G7D		10 MSPS, QPSK, MULTIMEDIA CARRIER

Points of Communication:

TR 1.2M - ALSAT - (ALSAT)

SES-MOD-20021204-02107 P E000180 Stratos Communications, Inc.

Application for Modification 10/09/2001 - 10/09/2011

Grant of Authority Date Effective: 01/29/2003

Class of Station: Mobile Earth Station

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

SITE ID: 1

LOCATION: 1000 INMARSAT M-4 full-duplex METs in the United States

ANTENNA ID: MET2 EMS TECHNOLOGIES (MET: 0.4x0.4x0.1m) EMS STORM GAN M4 LT

1626.5000 - 1660.5000 MHz	5K00G1W	25.00 dBW	FDMA, 0-QPSK, INMARSAT-M4 service (voice)
1626.5000 - 1660.5000 MHz	40K0G1W	25.00 dBW	FDMA, 16-QAM (DATA), INMARSAT-M4 service (Internet & Data & voice @ ISDN speeds)
1626.5000 - 1660.5000 MHz	20K0G1X	25.00 dBW	TDMA, BPSK (SIGNALING)
1525.0000 - 1559.0000 MHz	5K00G1W		FDMA, 0-QPSK, INMARSAT-M4 service (voice)
1525.0000 - 1559.0000 MHz	40K0G1W		FDMA, 16-QAM (DATA), INMARSAT-M4 service (Internet & Data & voice @ ISDN speeds)
1525.0000 - 1559.0000 MHz	20K0G1X		TDMA, BPSK (SIGNALING)

ANTENNA ID: MET1 NERA WorldCommunicator

1626.5000 - 1660.5000 MHz	5K00G1W	25.00 dBW	FDMA, 0-QPSK, INMARSAT-M4 service (voice)
1626.5000 - 1660.5000 MHz	40K0G1W	25.00 dBW	FDMA, 16-QAM (DATA), INMARSAT-M4 service (Internet & Data & voice @ ISDN speeds)
1626.5000 - 1660.5000 MHz	20K0G1X	25.00 dBW	TDMA, BPSK (SIGNALING)
1525.0000 - 1559.0000 MHz	5K00G1W		FDMA, 0-QPSK, INMARSAT-M4 service (voice)
1525.0000 - 1559.0000 MHz	40K0G1W		FDMA, 16-QAM (DATA), INMARSAT-M4 service (Internet & Data & voice @ ISDN speeds)
1525.0000 - 1559.0000 MHz	20K0G1X		TDMA, BPSK (SIGNALING)

Points of Communication:

1 - INMARSAT Ltd-3 - (15.5 W.L.)

1 - INMARSAT Ltd-3 - (54 W.L.)

SES-REG-20020911-02089 P E4206 WIRE TELE-VIEW CORPORATION

Registration 09/11/2002 - 09/11/2017

Grant of Authority Date Effective: 01/31/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

A Reinstatement of an expire Receive-Only Earth Station Registration.

SITE ID: 1
LOCATION: 603 E. MARKET ST., SCHUYLKILL, POTTSVILLE, PA
40 ° 40 ' 26.00 " N LAT. 76 ° 11 ' 3.00 " W LONG.

ANTENNA ID: 1 5 meters AFC/MICRODYNE PR-16.4

3700.0000 - 4200.0000 MHz 36M0F3F

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20020930-01697 E KA341 Williams Communications, LLC.
Renewal 10/20/2002 - 10/20/2017
Grant of Authority Date Effective: 01/29/2003

Class of Station: Fixed Earth Stations

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

SITE ID: 1
LOCATION: 9174 SOUTH JAMAICA STREET, ENGLEWOOD, CO
39 ° 33 ' 1.00 " N LAT. 104 ° 51 ' 53.00 " W LONG.

ANTENNA ID: 1 9.3 meters ANDREW ES93

5925.0000 - 6425.0000 MHz	25M0F8W	79.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G1D	79.50 dBW	45 MBPS DATA
5925.0000 - 6425.0000 MHz	8M00G1D	79.50 dBW	8 MBPS DATA
5925.0000 - 6425.0000 MHz	8M00G1F	79.50 dBW	8 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	25M0F8W		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G1D		45 MBPS DATA
3700.0000 - 4200.0000 MHz	8M00G1D		8 MBPS DATA
3700.0000 - 4200.0000 MHz	36M0G1F		45 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	8M00G1F		8 MBPS Digital VIDEO
5925.0000 - 6425.0000 MHz	36M0G1F	79.50 dBW	45 MBPS Digital VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20020930-01698 E KA342 Williams Communications, LLC.

Renewal 10/30/2002 - 10/30/2017

Grant of Authority Date Effective: 01/29/2003

Class of Station: Fixed Earth Stations

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

SITE ID: 1

LOCATION: 9174 SOUTH JAMAICA STREET, ENGLEWOOD, CO

39 ° 33 ' 1.00 " N LAT. 104 ° 51 ' 53.00 " W LONG.

ANTENNA ID: 1 10 meters SCIENTIFIC-ATLANTA 8002A

5925.0000 - 6425.0000 MHz	25M0F8W	79.50 dBW	ANALOG VIDEO
5925.0000 - 6425.0000 MHz	36M0G1D	79.50 dBW	45 MBPS Digital DATA
5925.0000 - 6425.0000 MHz	8M00G1D	79.50 dBW	8 MBPS Digital DATA
5925.0000 - 6425.0000 MHz	36M0G1F	79.50 dBW	45 MBPS Digital VIDEO
5925.0000 - 6425.0000 MHz	8M00G1F	79.50 dBW	8 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	25M0F8W		ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G1D		45 MBPS Digital DATA
3700.0000 - 4200.0000 MHz	8M00G1D		8 MBPS Digital DATA
3700.0000 - 4200.0000 MHz	36M0G1F		45 MBPS Digital VIDEO
3700.0000 - 4200.0000 MHz	8M00G1F		45 MBPS Digital VIDEO

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20021203-02220 P E5053 MT. LEBANON CABLEVISION, INC., DEBTOR-IN-POSSESSION

Renewal 12/03/2002 - 12/03/2017

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

Licensee name has been changed on this Renewal due to an Assignment was granted in November 27, 2002, Therefore the Licensee name is "MT. LEBANON CABLEVISION, INC., DEBTOR-IN-POSSESSION" instead of as filed UCA, LLC, Debtor-in Possession.

SITE ID: 1
LOCATION: PITTSBURGH, MT. OLIVER, PA
40 ° 24 ' 24.00 " N LAT. 79 ° 59 ' 8.00 " W LONG.

ANTENNA ID: 1 4.6 meters SCIENTIFIC ATLANTA 8005

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030121-00075 P E5271 CABLEVISION INDUSTRIES, INC.
Renewal 02/18/2003 - 02/18/2018
Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: MORROW, MOUNT GILEAD, OH
40 ° 34 ' 14.00 " N LAT. 82 ° 49 ' 49.00 " W LONG.

ANTENNA ID: 1 5 meters ANTENNA FOR COMMUNICATIONS PR-16.4

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030121-00076 P E5288 TWI CABLE, INC.
Renewal 02/18/2003 - 02/18/2018
Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: SENECA, NEW RIEGEL, OH
41 ° 6 ' 34.00 " N LAT. 83 ° 22 ' 8.00 " W LONG.

ANTENNA ID: 1 5 meters MICRODYNE SATRO-5M

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00084 E E930167 ASSOCIATED PRESS

Renewal 01/29/2003 - 01/29/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 3420 NORTHSIDE DRIVE, MONROE, KEY WEST, FL

24 ° 34 ' 5.00 " N LAT. 81 ° 45 ' 58.00 " W LONG.

ANTENNA ID: 1 3 meters PRODELIN, INC. 135-750

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00085 E E5218 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: SEDGWICK, WICHITA, KS

37 ° 41 ' 8.00 " N LAT. 97 ° 19 ' 38.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00086 E E5219 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: JACKSON, JACKSON, MI

42 ° 14 ' 46.00 " N LAT. 84 ° 24 ' 33.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00087 E E5220 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: KALAMAZOO, KALAMAZOO, MI

42 ° 17 ' 17.00 " N LAT. 85 ° 34 ' 58.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00088 E E5222 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: YELLOWSTONE, BILLINGS, MT

45 ° 47 ' 7.00 " N LAT. 108 ° 30 ' 26.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00089 E E5223 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: SILVER BOW, BUTTE, MT

46 ° 0 ' 57.00 " N LAT. 112 ° 32 ' 11.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00090 E E5224 ASSOCIATED PRESS

Renewal 02/04/2003 - 02/04/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: FLATHEAD, KALISPELL, MT
48 ° 12 ' 16.00 " N LAT. 114 ° 18 ' 11.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00091 E E5225 ASSOCIATED PRESS
Renewal 02/04/2003 - 02/04/2018
Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: DUTCHESS, POUGHKEEPSIE, NY
41 ° 42 ' 23.00 " N LAT. 73 ° 55 ' 38.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00092 E E5234 ASSOCIATED PRESS
Renewal 02/11/2003 - 02/11/2018
Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: FAULKNER, CONWAY, AR
35 ° 5 ' 36.00 " N LAT. 92 ° 26 ' 29.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00093 E E5235 ASSOCIATED PRESS

Renewal 02/11/2003 - 02/11/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: SEBASTIAN, FT. SMITH, AR

35 ° 23 ' 2.00 " N LAT. 94 ° 15 ' 23.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00094 E E5236 ASSOCIATED PRESS

Renewal 02/11/2003 - 02/11/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: CRAIGHEAD, JONESBORO, AR

35 ° 50 ' 16.00 " N LAT. 90 ° 42 ' 2.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00095 E E5238 ASSOCIATED PRESS

Renewal 02/11/2003 - 02/11/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: BANNOCK, POCATELLO, ID

42 ° 51 ' 32.00 " N LAT. 112 ° 26 ' 54.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00096 E E5239 ASSOCIATED PRESS

Renewal 02/11/2003 - 02/11/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: BLACKHAWK, WATERLOO, IA

42 ° 29 ' 45.00 " N LAT. 92 ° 20 ' 23.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030127-00097 E E5240 ASSOCIATED PRESS

Renewal 02/11/2003 - 02/11/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: DOUGLAS, LAWRENCE, KS

38 ° 58 ' 20.00 " N LAT. 95 ° 14 ' 7.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200F9

3700.0000 - 4200.0000 MHz 180F9Y

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030129-00105 E E5167 GlobeCast North America Incorporated

Renewal 03/16/2003 - 03/16/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: 5 Teleport Drive, RICHMOND, STATEN ISLAND, NY

40 ° 36 ' 10.00 " N LAT. 74 ° 10 ' 39.00 " W LONG.

ANTENNA ID: 1 11 meters VERTEX 11KPC

5925.0000 - 6425.0000 MHz 36M0F3F 82.40 dBW

5925.0000 - 6425.0000 MHz 36M0F7D 82.40 dBW

5925.0000 - 6425.0000 MHz 36M0F3F 82.40 dBW

3700.0000 - 4200.0000 MHz 36M0F3F

3700.0000 - 4200.0000 MHz 36M0F7D

3700.0000 - 4200.0000 MHz 36M0F3F

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030129-00106 E WG30 Insight Communications Midwest, LLC

Renewal 02/18/2003 - 02/18/2018

Grant of Authority Date Effective: 02/03/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: PEORIA, PEORIA, IL

40 ° 44 ' 47.00 " N LAT. 89 ° 36 ' 4.00 " W LONG.

ANTENNA ID: 1 5 meters SIMULSAT 001

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-RWL-20030129-00107 E WP79 Insight Communications Midwest, LLC

Renewal 03/25/2003 - 03/25/2018

Grant of Authority Date Effective: 01/31/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1

LOCATION: WHITESIDE, STERLING, IL

41 ° 47 ' 43.00 " N LAT. 89 ° 43 ' 43.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B

3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - ALSAT - (ALSAT)

SES-T/C-20030129-00104 E E890481 KINGWOOD CABLEVISION, INC.

Application for Consent to Transfer of Control

Grant of Authority Date Effective: 01/31/2003

Current Licensee: KINGWOOD CABLEVISION, INC.

FROM: MOFFAT COMMUNICATIONS LTD.

TO: SHAW COMMUNICATIONS, INC.

No. of Station(s) listed: 2

INFORMATIVE

SES-MOD-20011026-01952 E000152 NEW SKIES NETWORKS, INC.

This authorization is granted under Order, DA 03-233, released 1/29/03.

SES-RWL-19930222-01989 E5285 COX COMMUNICATIONS, PENSACOLA, LLC

Licensee has surrendered license, per letter dated January 10, 2003.

SES-RWL-20010606-01022 KJ49 COXCOM, INC.

Licensee has surrendered license, per letter dated January 21, 2003.

SES-RWL-20010919-01697 E3765 COXCOM, INC.

Licensee has surrendered license, per letter dated January 21, 2003.

SES-RWL-20020328-00430 WQ91 MARCUS CABLE OF ALABAMA, LLC

Licensee has surrendered license, per letter dated January 22, 2003.

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