



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00510

Wednesday June 25, 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-LIC-20030319-00356 E E030057 RCN License Subsidiary, Inc.  
Application for Authority 06/23/2003 - 06/23/2018  
Grant of Authority Date Effective: 06/23/2003

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1  
LOCATION: 3501 S. Laramie Ave, Cook, Cicero, IL  
41 ° 49 ' 41.00 " N LAT. 87 ° 45 ' 8.00 " W LONG.

ANTENNA ID:	1	3.8 meters	Prodelin	1383
	3700.0000 - 4200.0000 MHz	3M00G7W	0.00 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
	3700.0000 - 4200.0000 MHz	8M30G7W	0.00 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
	3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	Standard Video with Associated Audio Subcarriers.
	5925.0000 - 6425.0000 MHz	3M00G7W	67.80 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
	5925.0000 - 6425.0000 MHz	8M30G7W	72.20 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.

5925.0000 - 6240.0000 MHz	36M0F3F	72.70 dBW	Standard Video with Associated Audio Subcarriers.
6272.0000 - 6425.0000 MHz	36M0F3F	72.70 dBW	Standard Video with Associated Audio Subcarriers.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-LIC-20030411-00447 E E030076 RCN License Subsidiary, Inc.  
 Application for Authority 06/23/2003 - 06/23/2018  
 Grant of Authority Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: 1 Greyhound Drive, Kanawha, Cross Lanes, WV  
 38 ° 25 ' 12.00 " N LAT. 81 ° 48 ' 37.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383

3700.0000 - 4200.0000 MHz	3M00G7W	0.00 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
3700.0000 - 4200.0000 MHz	8M30G7W	0.00 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
3700.0000 - 4200.0000 MHz	36M0F3F	0.00 dBW	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS
5925.0000 - 6270.0000 MHz	3M00G7W	67.80 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
5925.0000 - 6270.0000 MHz	8M30G7W	72.20 dBW	DIGITAL, QPSK, VARIOUS FEC, VARIOUS DATA RATES, VARIOUS INFO.
5925.0000 - 6270.0000 MHz	36M0F3F	72.70 dBW	STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-LIC-20030504-00579 E E030098 RAYCOM AMERICA, INC.

Application for Authority

06/18/2003 - 06/18/2018

Grant of Authority

Date Effective: 06/18/2003

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

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

SITE ID: 1

LOCATION: 500 EAST FOURTH STREET, VARIOUS

ANTENNA ID: 1 1.2 meters AVL TECHNOLOGIES 12 00 USA

14000.0000 - 14500.0000 MHz 15M0G7W 65.20 dBW MPEG-2 QPSK VIDEO, DATA & VOICE

11700.0000 - 12200.0000 MHz 15M0G7W MPEG-2 QPSK VIDEO, DATA & VOICE

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-LIC-20030512-00635 E E030110 HBC License Corporation

Application for Authority

06/24/2003 - 06/24/2018

Grant of Authority

Date Effective: 06/24/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 315 Ennis Street, Harris, Houston, TX

29 ° 45 ' 26.00 " N LAT.

95 ° 20 ' 18.00 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383

3700.0000 - 4200.0000 MHz 230KG7W QPSK Digital, 192 kbps, 1/2 FEC

5925.0000 - 6425.0000 MHz 230KG7W 50.67 dBW QPSK Digital, 192 kbps, 1/2 FEC

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-MOD-20021030-01852 E E990053 Botcorp America

Application for Modification

01/25/2002 - 01/25/2012

Grant of Authority

Date Effective: 06/24/2003

**Class of Station:** Mobile Earth Station

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**Nature of Service:** Mobile Satellite Service

SITE ID: 1

LOCATION: 100,000 full duplex METs, VARIOUS

ANTENNA ID:	Remote 1	0 meters	BOTCORP AMERICA / 18 x 18 x 2 cm	SSMSRP1
	1646.5000 - 1660.5000 MHz	5K00G7D	11.00 dBW	TDMA Signaling channel (data) using BPSk at a transmission rate of 3600 bps.
	1545.0000 - 1559.0000 MHz	5K00G7D		TDM communications channel (data) using BPSk at a transmission rate of 3840 bps.

**Points of Communication:**

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

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

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**SES-MOD-20030411-00452** E E900006 SES AMERICOM, INC.

Application for Modification

02/23/2000 - 02/23/2010

Grant of Authority

Date Effective: 06/18/2003

**Class of Station:** VSAT Network

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

"MOD" to add 3 additional antenna types and change hub call sign to an existing VSAT network license (E900006). Call sign E990016 will replace E920698 as authorized call sign with which communications is limited.

SITE ID: 1

LOCATION: 2323 GRIMVILLE ROAD, MOUNT AIRY, MD 2177 VSAT (3.5METER), CONUS,AK,HI,VI,PR

ANTENNA ID:	1	3.5 meters	VERTEX	3.5KPK
	14000.0000 - 14500.0000 MHz	56K0F1D	49.80 dBW	
	14000.0000 - 14500.0000 MHz	64K0F1D	50.40 dBW	
	14000.0000 - 14500.0000 MHz	112KF1D	50.80 dBW	
	14000.0000 - 14500.0000 MHz	128KF1D	53.40 dBW	
	14000.0000 - 14500.0000 MHz	168KF1D	54.60 dBW	
	14000.0000 - 14500.0000 MHz	192KF1D	55.10 dBW	

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11700.0000 - 12200.0000 MHz 192KF1D

SITE ID: 3

LOCATION: 2323 GRIMVILLE ROAD, MOUNT AIRY, MD 2177 VSAT (2.4METER), CONUS, (100 UNITS)

ANTENNA ID: CM243 2.4 meters CHANNEL MASTER 243

14000.0000 - 14500.0000 MHz 2M00G7D 55.30 dBW DIGITAL QPSK

11700.0000 - 12200.0000 MHz 2M00G7D DIGITAL QPSK

SITE ID: 4

LOCATION: 2323 GRIMVILLE ROAD, MOUNT AIRY, MD 2177 VSAT (1.2METER), CONUS, (200 UNITS)

ANTENNA ID: CM124 1.2 meters CHANNEL MASTER 124

14000.0000 - 14500.0000 MHz 4M00G7D 52.32 dBW DIGITAL QPSK

14000.0000 - 14500.0000 MHz 2M00G7W 49.40 dBW DIGITAL QPSK

11700.0000 - 12200.0000 MHz 4M00G7D DIGITAL QPSK

11700.0000 - 12200.0000 MHz 2M00G7W DIGITAL QPSK

SITE ID: 2

LOCATION: 2323 GRIMVILLE ROAD, MOUNT AIRY, MD 2177 VSAT (1.8METER), CONUS, (200 UNITS)

ANTENNA ID: CM183 1.8 meters CHANNEL MASTER 183

14000.0000 - 14500.0000 MHz 4M00G7D 56.00 dBW DIGITAL QPSK

14000.0000 - 14500.0000 MHz 2M00G7D 53.00 dBW DIGITAL QPSK

11700.0000 - 12200.0000 MHz 4M00G7D DIGITAL QPSK

11700.0000 - 12200.0000 MHz 2M00G7D DIGITAL QPSK

SITE ID: SITE 5

LOCATION: 2323 GRIMVILLE ROAD, MT. AIRY, MD 21771 VSAT (1.8METER) PAT, CONUS, (250 UNITS)

ANTENNA ID: 18PAT 1.8 meters PATRIOT TXEUT-180KU

14000.0000 - 14500.0000 MHz 2M00G7D 52.98 dBW DIGITAL QPSK

11700.0000 - 12200.0000 MHz 2M00G7D DIGITAL QPSK

SITE ID: SITE 6

LOCATION: 2323 GRIMVILLE ROAD, MT. AIRY, MD 21771 VSAT (1.2METER) PAT, CONUS, (250 UNITS)

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ANTENNA ID: 12PAT            1.2 meters            PATRIOT            TXEUT-120KU  
14000.0000 - 14500.0000 MHz            2M00G7D            49.30 dBW            DIGITAL QPSK  
11700.0000 - 12200.0000 MHz            2M00G7D            DIGITAL QPSK

SITE ID:            SITE 7  
LOCATION:            2323 GRIMVILLE ROAD, MT. AIRY, MD 21771 VSAT (1.2METER) PROD, CONUS, (250 UNITS)

ANTENNA ID: 12PROD            1.2 meters            PRODELIN            1134  
14000.0000 - 14500.0000 MHz            2M00G7D            47.98 dBW            DIGITAL QPSK  
11700.0000 - 12200.0000 MHz            2M00G7D            DIGITAL QPSK

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030425-00529** E E960252            CBS TELEVISION STATIONS INC.  
Application for Modification            07/19/1996 - 07/19/2006  
Grant of Authority            Date Effective: 06/18/2003

**Class of Station:**    Fixed Earth Stations

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

"MOD" Change and add digital emission designator to existing license to enable transmission of digital compressed television and data signals.

SITE ID:            1  
LOCATION:            1044 LINCOLN STREET, DENVER, DENVER, CO  
39 ° 43 ' 58.20 " N LAT.            104 ° 59 ' 9.00 " W LONG.

ANTENNA ID: 1            4.6 meters            ANDREW CORP.            ESA46-124  
14000.0000 - 14500.0000 MHz            36M0G7W            67.40 dBW            COMPRESSED DIGITAL VIDEO  
AND DATA  
11700.0000 - 12200.0000 MHz            36M0G7W            COMPRESSED DIGITAL VIDEO  
AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-MOD-20030425-00535 E KL92 PanAmSat Licensee Corp.

Application for Modification

09/30/1998 - 09/30/2008

Grant of Authority

Date Effective: 06/18/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5281 East Garton Road, DOUGLAS, CASTLE ROCK, CO

39 ° 16 ' 38.00 " N LAT.

104 ° 48 ' 25.00 " W LONG.

ANTENNA ID:	7.6m	7.6 meters	NIPPON ELECTRIC CO.	APS-12/14-F0764-A
	14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGTL DATA
	12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY
	11700.0000 - 12200.0000 MHz	43M0G7W		DIGTL DATA
	14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission NON denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
ANTENNA ID:	8.1m	8.1 meters	HARRIS CORP. MODEL 5	349
	14000.0000 - 14500.0000 MHz	43M0G7W	85.00 dBW	DIGTL DATA
	12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY
	11700.0000 - 12200.0000 MHz	43M0G7W		DIGTL DATA
	14497.0000 - 14497.0000 MHz	1M00N0N	68.50 dBW	COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
ANTENNA ID:	12.5m	12.5 meters	NEC	12.5M
	14000.0000 - 14500.0000 MHz	43M0G7W	86.00 dBW	DIGTL DATA
	13750.0000 - 14000.0000 MHz	750KF2D	85.00 dBW	TT&C, COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
	12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY

11700.0000 - 12200.0000 MHz	43M0G7W		DIGTL DATA
11450.0000 - 11700.0000 MHz	750KF2D		TT&C
14497.0000 - 14497.0000 MHz	1M00N0N	73.90 dBW	COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.
ANTENNA ID: 7.6mCK1	7.6 meters	NIPPON ELECTRIC CO.	90670A (SITE ID:CK1)
14000.0000 - 14500.0000 MHz	43M0G7W	86.00 dBW	DIGTL DATA
13999.0000 - 13999.0000 MHz	750KF2D	85.00 dBW	TT&C
13751.0000 - 13751.0000 MHz	750KF2D	85.00 dBW	TT&C
12190.0000 - 12200.0000 MHz	70K0N0N		TELEMETRY
11700.0000 - 12200.0000 MHz	43M0G7W		DIGTL DATA
11450.0000 - 11700.0000 MHz	750KF2D		TT&C
14497.0000 - 14497.0000 MHz	1M00N0N	69.50 dBW	COMMAND. Emission N0N denotes an unmodulated RF carrier used within the communications transmission network for testing purposes or as pilots, beacons.

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - GALAXY VIII-i - (95 W.L.)

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SES-MOD-20030425-00536 E E860175 PanAmSat Licensee Corp. 04/04/1996 - 04/04/2006  
 Application for Modification Date Effective: 06/24/2003  
 Grant of Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: VENTURA, FILLMORE, CA  
 34 ° 24 ' 22.00 " N LAT. 118 ° 53 ' 34.00 " W LONG.

ANTENNA ID: 1 10 meters SCIENTIFIC ATLANTA MODEL 3311



5925.0000 - 6425.0000 MHz	36M0G7W	78.00 dBW	a full transponder digital transmission.
5925.0000 - 6425.0000 MHz	85K0G7W	55.47 dBW	64 Kbps QPSK
4198.0000 - 4200.0000 MHz	100KF0N		a telemetry and ranging transmission.
3700.0000 - 4200.0000 MHz	36M0F8W		Analog TV
3700.0000 - 4200.0000 MHz	85K0G7W		64 Kbps QPSK
3700.0000 - 4200.0000 MHz	750KF2D		Command, Ranging & Tracking transmission.
5925.0000 - 6425.0000 MHz	36M0F8W	77.80 dBW	Analog TV
5925.0000 - 6425.0000 MHz	750KF2D	70.49 dBW	Command, Ranging & Tracking transmission.

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030509-00624** E E880108 New York Times Management Services  
 Application for Modification 12/31/1997 - 12/31/2007  
 Grant of Authority Date Effective: 06/24/2003

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

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

SITE ID: 1  
 LOCATION: CONUS

ANTENNA ID: 1	2.6 meters	VERTEX	2.6M-DMK
14000.0000 - 14500.0000 MHz	36M0F8F	74.87 dBW	ANALOG VIDEO/AUDIO
14000.0000 - 14500.0000 MHz	15M0G7W	71.84 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO, AUDIO AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030516-00671** E E930305 CBS Broadcasting Inc.  
 Renewal 07/23/2003 - 07/23/2018  
 Grant of Authority Date Effective: 06/24/2003

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

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

SITE ID: 1  
LOCATION: CONUS

ANTENNA ID: 1	1.8 meters	VERTEX	1.8 DMK
14000.0000 - 14500.0000 MHz	36M0F3F	71.44 dBW	Analog audio/ video
14000.0000 - 14500.0000 MHz	36M0F3F	68.10 dBW	Analog audio/ video
14000.0000 - 14500.0000 MHz	36M0G7W	62.10 dBW	8,6,4,3 or 2MB digital Video, audio, & data
14000.0000 - 14500.0000 MHz	25M0F3F	71.44 dBW	Analog audio/ video

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00758** E E5649 ASSOCIATED PRESS  
Renewal 06/03/2003 - 06/03/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: HENNEPIN, MINNEAPOLIS, MN  
44 ° 58 ' 32.00 " N LAT. 93 ° 15 ' 40.00 " W LONG.

ANTENNA ID: 1	3 meters	PRODELIN	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)

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**SES-RWL-20030605-00759** E E5744 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: JAMES CITY, NEWPORT NEWS, VA

37 ° 0 ' 54.00 " N LAT.

76 ° 27 ' 2.00 " W LONG.

ANTENNA ID: 1                      3 meters                      SCIENTIFIC ATLANTA                      8006

3700.0000 - 4200.0000 MHz                      200KF3A

3700.0000 - 4200.0000 MHz                      180KF2D

3700.0000 - 4200.0000 MHz                      2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00760** E E5770                      ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: SAN MATEO, SAN MATEO, CA

37 ° 33 ' 53.00 " N LAT.

122 ° 18 ' 25.00 " W LONG.

ANTENNA ID: 1                      3 meters                      SCIENTIFIC ATLANTA                      8006

3700.0000 - 4200.0000 MHz                      200KF3A

3700.0000 - 4200.0000 MHz                      180KF2D

3700.0000 - 4200.0000 MHz                      2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00761** E E5769                      ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: MARIN, SAN RAFAEL, CA  
38 ° 2 ' 41.00 " N LAT. 122 ° 32 ' 5.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00762 E E5768 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: SONOMA, SANTA ROSA, CA  
38 ° 26 ' 30.00 " N LAT. 122 ° 42 ' 51.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00763 E E5767 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: SAN JOAQUIN, STOCKTON, CA  
37 ° 57 ' 9.00 " N LAT. 121 ° 16 ' 57.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00764 E E5766 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: CONTRA COSTA, WALNUT CREEK, CA  
37 ° 55 ' 39.00 " N LAT. 122 ° 1 ' 6.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00766 E E5794 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: RIVERSIDE, RIVERSIDE, CA  
33 ° 58 ' 29.00 " N LAT. 117 ° 22 ' 31.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00767** E E5765 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: TOMPKINS, ITHACA, NY  
42 ° 26 ' 23.00 " N LAT. 76 ° 30 ' 6.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00768** E E5764 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: FAIRFIELD, STAMFORD, CT  
41 ° 3 ' 1.00 " N LAT. 73 ° 32 ' 37.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00769 E E5763 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: NEW HAVEN, WATERBURY, CT  
41 ° 33 ' 20.00 " N LAT. 73 ° 2 ' 52.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00770 E E5761 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: BOYD, ASHLAND, KY  
38 ° 28 ' 42.00 " N LAT. 82 ° 38 ' 15.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00771 E E5760 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: FRANKLIN, FRANKFORT, KY  
38 ° 11 ' 56.00 " N LAT. 84 ° 52 ' 48.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00773 E E5759 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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



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SITE ID: 1  
LOCATION: MARSHALL, MURRAY (# 2), KY  
36 ° 35 ' 47.00 " N LAT. 88 ° 19 ' 9.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00774 E E5757 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: DAVIESS, OWENSBORO, KY  
37 ° 45 ' 43.00 " N LAT. 87 ° 6 ' 55.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00775 E E5755 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: ANDROSCOGGIN, LEWISTON, ME  
44 ° 5 ' 45.00 " N LAT. 70 ° 12 ' 57.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00777 E E5753 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: KANDIYOHI, WILLMAR, MN  
45 ° 7 ' 0.00 " N LAT. 95 ° 4 ' 26.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00778 E E5750 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: CASS, FARGO, ND  
42 ° 52 ' 36.00 " N LAT. 96 ° 47 ' 7.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00779 E E5749 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: GRAND FORKS, GRAND FORKS, ND  
47 ° 55 ' 34.00 " N LAT. 97 ° 1 ' 57.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00780 E E5745 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: MUSKINGUM, ZANESVILLE, OH  
39 ° 56 ' 21.00 " N LAT. 82 ° 0 ' 27.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00781 E E5742 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: SKAGIT, MOUNT VERNON, WA  
48 ° 26 ' 8.00 " N LAT. 122 ° 19 ' 35.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00782 E E5752 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: JASPER, JOPLIN, MO  
37 ° 5 ' 17.00 " N LAT. 94 ° 30 ' 45.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00783 E E5789 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: GREENE, SPRINGFIELD, MO  
37 ° 12 ' 52.00 " N LAT. 93 ° 17 ' 33.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00784 E E5787 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/19/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: CHEMUNG, ELMIRA, NY  
42 ° 5 ' 23.00 " N LAT. 76 ° 48 ' 16.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00785 E E5786 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: WARD, MINOT, ND  
48 ° 13 ' 59.00 " N LAT. 101 ° 17 ' 9.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030605-00786 E E5784 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: SCIOTO, PORTSMOUTH, OH  
38 ° 44 ' 7.00 " N LAT. 82 ° 59 ' 58.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00787** E E5782 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: JEFFERSON, STEUBENSVILLE, OH  
40 ° 21 ' 58.00 " N LAT. 80 ° 36 ' 57.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006

3700.0000 - 4200.0000 MHz 200KF3A

3700.0000 - 4200.0000 MHz 180KF2D

3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00789** E E5780 ASSOCIATED PRESS

Renewal

06/10/2003 - 06/10/2018

Grant of Authority

Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: VENANGO, OIL CITY, PA  
41 ° 25 ' 4.00 " N LAT. 79 ° 43 ' 38.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00790** E E5779 ASSOCIATED PRESS  
Renewal 06/10/2003 - 06/10/2018  
Grant of Authority Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: WESTMORELAND, TARENTUM, PA  
40 ° 36 ' 6.00 " N LAT. 79 ° 45 ' 12.00 " W LONG.

ANTENNA ID: 1 3 meters SCIENTIFIC ATLANTA 8006  
3700.0000 - 4200.0000 MHz 200KF3A  
3700.0000 - 4200.0000 MHz 180KF2D  
3700.0000 - 4200.0000 MHz 2M50F1D

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030605-00824** E E5917 Northland Cable Television, Inc.  
Renewal 07/01/2003 - 07/01/2018  
Grant of Authority Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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



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SITE ID: 1  
LOCATION: ADAMS, OTHELLO, WA  
46 ° 49 ' 34.00 " N LAT. 119 ° 9 ' 41.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030606-00852** P E5873 MCC Missouri LLC  
Renewal 06/24/2003 - 06/24/2018  
Grant of Authority Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: COLE, JEFFERSON CITY, MO  
38 ° 33 ' 1.00 " N LAT. 92 ° 12 ' 20.00 " W LONG.

ANTENNA ID: 1 5 meters SIMULSAT 001  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20030606-00853** P E5973 MCC Missouri LLC  
Renewal 07/15/2003 - 07/15/2018  
Grant of Authority Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: GASCONADE, HERMANN, MO  
38 ° 41 ' 48.00 " N LAT. 91 ° 23 ' 51.00 " W LONG.

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

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20030610-00788 E E930334 ASSOCIATED PRESS

Renewal

06/17/2003 - 06/17/2018

Grant of Authority

Date Effective: 06/20/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 231 ADRIAN ROAD (WORLD JOURNAL), SAN MATEO, MILLBRAE, CA

37 ° 35 ' 2.00 " N LAT.

122 ° 21 ' 44.00 " W LONG.

ANTENNA ID: 1                      3 meters                      PRODELIN                      1302

3700.0000 - 4200.0000 MHz                      200KF3A

3700.0000 - 4200.0000 MHz                      180KF2D

3700.0000 - 4200.0000 MHz                      2M50F1D

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20030610-00809 E E930413 Mediacom Southeast LLC

Renewal

07/30/2003 - 07/30/2018

Grant of Authority

Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: LONE OAK DRIVE, JASPER, CARL JUNCTION, MO

37 ° 9 ' 44.00 " N LAT.

94 ° 33 ' 39.00 " W LONG.

ANTENNA ID: 1                      4.6 meters                      SCIENTIFIC-ATLANTA                      8005

3700.0000 - 4200.0000 MHz                      25M0F8W

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20030616-00845 E E930182 GTECH Corp.

Renewal

07/30/2003 - 07/30/2018

Grant of Authority

Date Effective: 06/23/2003

**Class of Station:** VSAT Network

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

Minor corrections to certain modulations requested.

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
	11700.0000 - 12200.0000 MHz		30K0G7D	
	11700.0000 - 12200.0000 MHz		200KG7W	60.50 dBW
				OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
	11700.0000 - 12200.0000 MHz		120KG7W	60.50 dBW
				MSK (QPSK VARIANT) BROADCAST DIGITAL CARRIER

SITE ID: PTR .74M

LOCATION: CONUS, HI, AK, PR, U.S., VI .74M (14000 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	60.50 dBW
				QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER

SITE ID: PTR .98M

LOCATION: CONUS, HI, AK, PR, U.S., VI .98M (10000 TERMINALS)

ANTENNA ID:	PTR .98	0.98 meters	PRODELIN	9008668
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14000.0000 - 14500.0000 MHz	200KG7W	41.50 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
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SITE ID: PTR 1.2M  
LOCATION: CONUS, HI, AK, PR, U.S., VI 1.2M (5000 TERMINALS)

ANTENNA ID: PTR 1.2	1.2 meters	PRODELIN	1123
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14000.0000 - 14500.0000 MHz	200KG7W	43.20 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
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SITE ID: PTR 1.8M  
LOCATION: CONUS, HI, AK, PR, U.S., VI 1.8M (10 TERMINALS)

ANTENNA ID: PTR 1.8	1.8 meters	PRODELIN	1184
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14000.0000 - 14500.0000 MHz	200KG7W	46.80 dBW	OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	6M20G7W		QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER
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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
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14000.0000 - 14500.0000 MHz	500KG7D	54.00 dBW	
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14000.0000 - 14500.0000 MHz	6M20G7W	64.50 dBW	QPSK, 5 MSPS BROADCAST DIGITAL CARRIER
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14000.0000 - 14500.0000 MHz	1M60G7W	60.50 dBW	MSK BPSK MULTIMEDIA BROADCAST DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	30K0G7D		
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11700.0000 - 12200.0000 MHz	200KG7W		OQPSK, 128 KSPS, RETURN DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	120KG7W		MSK (QPSK VARIANT) RETURN DIGITAL CARRIER
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SITE ID: CTR .96M  
LOCATION: CONUS, AK, HI, PR, U.S. VI .96M (1500 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

11700.0000 - 12200.0000 MHz 1M60G7W BPSK MULTIMEDIA BROADCAST  
DIGITAL CARRIER

SITE ID: CTR .75M  
LOCATION: CONUS, AK, HI, PR, U.S., VI .75M (4000 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

11700.0000 - 12200.0000 MHz 1M60G7W BPSK MULTIMEDIA BROADCAST  
DIGITAL CARRIER

**Points of Communication:**

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

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

HUB (4.6M) - ALSAT - (ALSAT)

HUB (7.6M) - ALSAT - (ALSAT)

PTR .74M - AMC-4 (formerly GE-4 - (101 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-RWL-20030617-00855 E E930271 Norlight Telecommunications, Inc.

Renewal

06/25/2003 - 06/25/2018

Grant of Authority

Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3617 OAKTON STREET, COOK, SKOKIE, IL

42 ° 1 ' 29.00 " N LAT.

87 ° 43 ' 9.00 " W LONG.

ANTENNA ID:	1	11 meters	HARRIS	5260
5925.0000 - 6425.0000 MHz	36M0F3F	90.00 dBW	ANALOG TV	
5925.0000 - 6425.0000 MHz	36M0G9W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	43K8G9W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	36M0G9F	81.90 dBW	DIGITAL VIDEO	
5925.0000 - 6425.0000 MHz	43K8G9F	62.60 dBW	DIGITAL VIDEO	
5925.0000 - 6425.0000 MHz	36M0G9E	81.90 dBW	DIGITAL TELEPHONY	
5925.0000 - 6425.0000 MHz	43K8G9E	62.60 dBW	DIGITAL TELEPHONY	
5925.0000 - 6425.0000 MHz	36M0G9D	81.90 dBW	DIGITAL DATA	
5925.0000 - 6425.0000 MHz	43K8G9D	62.60 dBW	DIGITAL TELEPHONY	
5925.0000 - 6425.0000 MHz	36M0G8W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	43K8G8W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	36M0G8F	81.90 dBW	DIGITAL VIDEO	
5925.0000 - 6425.0000 MHz	43K8G8F	62.60 dBW	DIGITAL VIDEO	
5925.0000 - 6425.0000 MHz	36M0G8E	81.90 dBW	DIGITAL TELEPHONY	
5925.0000 - 6425.0000 MHz	43K8G8E	62.60 dBW	DIGITAL TELEPHONY	
5925.0000 - 6425.0000 MHz	36M0G8D	81.90 dBW	DIGITAL DATA	
5925.0000 - 6425.0000 MHz	43K8G8D	62.60 dBW	DIGITAL DATA	
5925.0000 - 6425.0000 MHz	36M0G7W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	43K8G7W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS	
5925.0000 - 6425.0000 MHz	36M0G7F	81.90 dBW	DIGITAL VIDEO	
5925.0000 - 6425.0000 MHz	43K8G7F	62.60 dBW	DIGITAL VIDEO	

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5925.0000 - 6425.0000 MHz	36M0G7E	81.90 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G7E	62.60 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G7D	81.90 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G7D	62.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G3W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G3W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G3F	81.90 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G3F	62.60 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G3E	81.90 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G3E	62.60 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G3D	81.90 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G3D	62.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G2W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	43K8G2W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G2D	81.90 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G2F	62.60 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G2E	81.90 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G2E	62.60 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G2D	81.90 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G2D	62.60 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	36M0G1W	81.90 dBW	COMBINATION OF DIGITAL CARRIERS

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5925.0000 - 6425.0000 MHz	43K8G1W	62.60 dBW	COMBINATION OF DIGITAL CARRIERS
5925.0000 - 6425.0000 MHz	36M0G1F	81.90 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	43K8G1F	62.60 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G1E	81.90 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	43K8G1E	62.60 dBW	DIGITAL TELEPHONY
5925.0000 - 6425.0000 MHz	36M0G1D	81.90 dBW	DIGITAL DATA
5925.0000 - 6425.0000 MHz	43K8G1D	62.60 dBW	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0F3F		
3700.0000 - 4200.0000 MHz	36M0G9W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G9W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G9F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G9F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G9E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G9E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G9D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G9D		DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G8W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G8W		COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G8F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G8F		DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G8E		DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G8E		DIGITAL TELEPHONY



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3700.0000 - 4200.0000 MHz	36M0G8D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G8D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G7W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G7W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G7F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G7E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G7E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G7D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G7D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G3W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G3D	DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G3D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G2W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G2W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G2F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G2F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G2E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G2E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G2D	DIGITAL DATA

3700.0000 - 4200.0000 MHz	43K8G2D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G1W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	43K8G1W	COMBINATION OF DIGITAL CARRIERS
3700.0000 - 4200.0000 MHz	36M0G1F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G1F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G1E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	43K8G1E	DIGITAL TELEPHONY
3700.0000 - 4200.0000 MHz	36M0G1D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	43K8G1D	DIGITAL DATA
3700.0000 - 4200.0000 MHz	36M0G3F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	43K8G3F	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0G3E	DIGITAL TELEPHONY

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20030617-00856 E E5945 Abilene-Sweetwater Broadcasting Company  
Renewal 07/08/2003 - 07/08/2018  
Grant of Authority Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: TAYLOR, ABILENE, TX  
32 ° 30 ' 19.00 " N LAT. 99 ° 45 ' 19.00 " W LONG.

ANTENNA ID: 1 7 meters SCIENTIFIC ATLANTA 8010

3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-RWL-20030619-00882** E E930313 PetroCom License Corporation

Renewal

08/13/2003 - 08/13/2018

Grant of Authority

Date Effective: 06/23/2003

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 55 miles NE of Brownsville, Texas, NORTH PADRE 975, GM

26 ° 49 ' 58.00 " N LAT.

96 ° 56 ' 24.00 " W LONG.

ANTENNA ID: 1

5 meters

AFC

PR16.4-2-2D

5925.0000 - 6425.0000 MHz

1M54F1D

46.40 dBW

3700.0000 - 4200.0000 MHz

1M54F1D

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-T/C-20030428-00539** E E970315 Hispanic Television Network, Inc., Reorganized

Application for Consent to Transfer of Control

Grant of Authority

Date Effective: 06/24/2003

**Current Licensee:** HISPANIC TELEVISION NETWORK, INC., REORGANIZED

**FROM:** HISPANIC TELEVISION NETWORK, INC., REORGANIZED

**TO:** Varina Knight Mason Testamentary Trust II

No. of Station(s) listed: 1

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**CORRECTIONS**

**SES-RWL-20030604-00738** E5905 TIME WARNER ENTERTAINMENT-ADVANCE/NEWHOUSE PARTNERSHIP

"CORRECTION" This renewal application appeared on Public Notice, Action Taken, Report No. SES-00506 released Wednesday, June 11, 20003, with the incorrect Call Sign of E5906 as filed, instead of E5905. The correct Call Sign for this renewal under file No. SES-RWL-20030604-00738, should have been Call Sign E5905.

**Dismissal**

**SES-ASG-20030618-00864** E900568 Birmingham Broadcasting (WVTM TV), Inc.

This assignment of license will not take place, due to the license has expired 9/7/2000.

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