



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

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Report No. SES-00582

Wednesday March 3, 2004

## SATELLITE COMMUNICATIONS SERVICES

### RE: SATELLITE RADIO APPLICATIONS ACCEPTED FOR FILING

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

**SES-AMD-20040223-00252** E E000329 Clear Channel Satellite Services  
Amendment  
**Class of Station:** VSAT Network

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

Amendment to change license back to a VSAT, License was modified from a VSAT license to a Fixed license by mistake on the 9/02/2002 modification, and also this amendment is to change site CCSS Englewood C-Band antenna transmit from the ALSAT request to just the AMC 8 satellite and a increase in watts output.

**SITE ID:** CS0102  
**LOCATION:** 1819 Peachtree Rd Suite 700, Fulton, Atlanta, GA  
33 ° 48 ' 16.00 " N LAT. 84 ° 23 ' 35.00 " W LONG.

<b>ANTENNA ID:</b> CS0102	2.4 meters	Channel Master	62-25356-01
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK

**SITE ID:** RM0403  
**LOCATION:** One Quality Way, Henderson, Fletcher, NC  
35 ° 23 ' 5.00 " N LAT. 82 ° 30 ' 7.00 " W LONG.

**ANTENNA ID:** RM0403 1.8 meters Channel Master 62-18356-01

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14000.0000 - 14500.0000 MHz	400KG1D	52.03 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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SITE ID: CS0108

LOCATION: 1111 St. Gregory St., Hamilton, Cincinnati, OH  
39 ° 6 ' 29.00 " N LAT.

84 ° 29 ' 53.00 " W LONG.

ANTENNA ID: CS0108      2.4 meters      Channel Master      62-25356-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
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SITE ID: CS0109

LOCATION: 1130 E. Desert Inn Rd., Clark, Las Vegas, NV  
36 ° 7 ' 51.00 " N LAT.

115 ° 8 ' 24.00 " W LONG.

ANTENNA ID: CS0109      2.4 meters      Channel Master      62-25256-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
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SITE ID: RM0404

LOCATION: 13456 Lovers Lane, Culpeper, Culpeper, VA  
38 ° 28 ' 23.00 " N LAT.

77 ° 59 ' 36.00 " W LONG.

ANTENNA ID: RM0404      1.8 meters      Channel Master      62-18356-01

14000.0000 - 14500.0000 MHz	400KG1D	52.03 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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SITE ID: CS0105

LOCATION: 4949 SW McAdam, Multnomah, Portland, OR  
45 ° 29 ' 4.00 " N LAT.

122 ° 40 ' 31.00 " W LONG.

ANTENNA ID: CS0105      2.4 meters      Channel Master      62-25356-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	QPSK
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SITE ID: CS0104  
LOCATION: 4695 S. Monaco St, Denver, Denver, CO  
39 ° 37 ' 43.00 " N LAT. 104 ° 54 ' 44.00 " W LONG.

ANTENNA ID: CS0104 2.4 meters Channel Master 62-25356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW QPSK

SITE ID: CS0111  
LOCATION: 1801 W. Grand Ave., Polk, Des Moines, IA  
41 ° 35 ' 11.00 " N LAT. 93 ° 30 ' 34.00 " W LONG.

ANTENNA ID: CS0111 2.4 meters Channel Master 62-25356-01  
14000.0000 - 14500.0000 MHz 400KG1D 54.64 dBW QPSK  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW QPSK

SITE ID: GW05  
LOCATION: P.O. Box 645, Washington, Brenham, TX  
30 ° 9 ' 39.00 " N LAT. 96 ° 24 ' 7.00 " W LONG.

ANTENNA ID: GW05 2.4 meters Prodelin 1251-500  
14000.0000 - 14500.0000 MHz 400KG1D 54.13 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1802  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1802 1.8 meters Prodelin SERIES 1189  
14000.0000 - 14500.0000 MHz 400KG1D 52.04 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz 400KG1D 0.00 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1216  
LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1216 1.2 meters Prodelin SERIES 1139  
14000.0000 - 14500.0000 MHz 400KG1D 46.21 dBW SCPC 3/4 RATE QPSK DIGITAL CARRIER

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11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: CS0113

LOCATION: 15620 Ventura Blvd. #500, Los Angeles, Sherman Oaks, CA

34 ° 9 ' 10.00 " N LAT.

118 ° 27 ' 53.00 " W LONG.

ANTENNA ID: CS0113      2.4 meters      Channel Master      62-25356-01

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      QPSK

SITE ID: TT1816

LOCATION: 7042 S. Revere Pkwy Suite 450, Arapahoe, Englewood, CO

ANTENNA ID: TT1816      1.8 meters      Prodelin      Series 1189

14000.0000 - 14500.0000 MHz      400KG1D      49.51 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: GW07

LOCATION: 250 TEQUESTA DRIVE, TEQUESTA, PALM BEACH, FL

26 ° 57 ' 28.00 " N LAT.

80 ° 4 ' 41.00 " W LONG.

ANTENNA ID: GW07      2.4 meters      Prodelin      1251-500

14000.0000 - 14500.0000 MHz      400KG1D      54.13 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1808

LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1808      1.8 meters      Prodelin      SERIES 1189

14000.0000 - 14500.0000 MHz      400KG1D      49.52 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID: TT1804

LOCATION: 7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

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ANTENNA ID: TT1804      1.8 meters      Prodelin      SERIES 1189

14000.0000 - 14500.0000 MHz      400KG1D      51.53 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      TRANSPORTABLE TWO  
LOCATION:      7042 SO. REVERE PARKWAY SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: M2-120545      0.75 meters      Channel Master

14000.0000 - 14500.0000 MHz      400KG1B      41.30 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1B      QPSK

SITE ID:      TT1208  
LOCATION:      7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1208      1.2 meters      • Prodelin      SERIES 1139

14000.0000 - 14500.0000 MHz      400KG1D      46.22 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      TT1204  
LOCATION:      7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1204      1.2 meters      • Prodelin      SERIES 11139

14000.0000 - 14500.0000 MHz      400KG1D      48.23 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      TT1202  
LOCATION:      7042 S. REVERE PKWY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: TT1202      1.2 meters      Prodelin      SERIES 1139

14000.0000 - 14500.0000 MHz      400KG1D      48.74 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

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SITE ID: TRANSPORTABLE ONE  
LOCATION: 7042 SO REVERE PARKWAY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO

ANTENNA ID: M1-120544      1.2 meters      Channel Master      TYPE 121  
14000.0000 - 14500.0000 MHz      400KG1B      49.30 dBW      QPSK  
11700.0000 - 12200.0000 MHz      400KG1B      QPSK

SITE ID: PRN IN  
LOCATION: 6161 FALL CREEK ROAD, MARION, INDIANAPOLIS, IN  
39 ° 51 ' 54.00 " N LAT.      86 ° 3 ' 43.00 " W LONG.

ANTENNA ID: PRN IN      2.4 meters      Channel Master      243 TX/RX  
14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID: PRN NC  
LOCATION: 801 WOODRIDGE CENTER DR, MECKLENBERG, CHARLOTTE, NC  
35 ° 10 ' 34.00 " N LAT.      80 ° 53 ' 34.00 " W LONG.

ANTENNA ID: PRN NC2      2.4 meters      Prodelin      1244  
14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
11700.0000 - 12200.0000 MHz      400KG1D      QPSK

ANTENNA ID: PRN NC1      4.6 meters      Andrew Corporation      ES46-124W  
14000.0000 - 14500.0000 MHz      400KG1D      64.54 dBW      QPSK  
11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID: CC TAMPA  
LOCATION: 4002 GRANDY BLVD., HILLSBOROUGH, TAMPA, FL  
27 ° 53 ' 32.00 " N LAT.      82 ° 30 ' 41.00 " W LONG.

ANTENNA ID: 2.4 KU      2.4 meters      Channel Master      243 TX/RX  
14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK  
11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      QPSK

ANTENNA ID: 3.8      3.8 meters      Prodelin      1383  
5925.0000 - 6425.0000 MHz      230KG7D      35.40 dBW      DIGITAL

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3700.0000 - 4200.0000 MHz      230KG7D      DIGITAL

SITE ID:      CC LIMA

LOCATION:      667 WEST MARKET STREET, LIMA, OH  
                40 ° 44 ' 23.20 " N LAT.

84 ° 6 ' 57.30 " W LONG.

ANTENNA ID:    CC LIMA 1      3.8 meters      Prodelin      1383

6331.0000 - 6360.0000 MHz      308KG7E      64.30 dBW      DIGITAL

3700.0000 - 4200.0000 MHz      308KG7E      DIGITAL

SITE ID:      TRUTH RADIO NETWORK

LOCATION:      652 NORTH THOMPSON, SAN LUIS OBISPO, NIPOMO, CA  
                35 ° 2 ' 48.00 " N LAT.

120 ° 29 ' 39.00 " W LONG.

ANTENNA ID:    TRN01      2.4 meters      Channel Master      243

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID:      CC PORT ST LUCY

LOCATION:      3371 S.E. JENNINGS ROAD, PORT ST LUCY, PORT ST LUCY, FL  
                27 ° 16 ' 29.00 " N LAT.

80 ° 17 ' 11.00 " W LONG.

ANTENNA ID:    CC PSL      2.4 meters      Channel Master      243 TX/RX

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID:      CC MINNEAPOLIS

LOCATION:      7900 ZERXES AVE., SUITE 102, MINNEAPOLIS, MINNEAPOLIS, MN  
                44 ° 51 ' 0.00 " N LAT.

93 ° 20 ' 52.00 " W LONG.

ANTENNA ID:    CC MINN      2.4 meters      Channel Master      243 TX/RX

14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      QPSK

11700.0000 - 12200.0000 MHz      400KG1D      QPSK

SITE ID:      PRN NV

LOCATION:      HC65 BOX 71885, NYE, PAHRUMP, NV  
                36 ° 5 ' 0.00 " N LAT.

115 ° 57 ' 30.00 " W LONG.

ANTENNA ID:    PRNOO3      1.8 meters      Channel Master      6901

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14000.0000 - 14500.0000 MHz	400KG1D	52.54 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D		SCPC 3/4 RATE QPSK DIGITAL CARRIER
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SITE ID: CC SAN DIEGO  
LOCATION: 9660 GRANITE RIDGE DRIVE, SAN DIEGO, SAN DIEGO, CA  
32 ° 48 ' 25.00 " N LAT. 117 ° 7 ' 12.00 " W LONG.

ANTENNA ID: 2.4 2.4 meters Channel Master 243 TX/RX

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
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11700.0000 - 1220.0000 MHz	400KG1D		QPSK
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SITE ID: DPS PUEBLO  
LOCATION: 28881 GAIL ROAD, PUEBLO, CO  
38 ° 14 ' 53.00 " N LAT. 104 ° 31 ' 38.00 " W LONG.

ANTENNA ID: PUEBLO 1.2 meters Channel Master 121

SITE ID: CCSS ENGLEWOOD  
LOCATION: 7042 SO. REVERE PARKWAY SUITE 450, ARAPAHOE, ENGLEWOOD, CO  
39 ° 35 ' 51.00 " N LAT. 104 ° 50 ' 24.00 " W LONG.

ANTENNA ID: GE2-2.4 2.4 meters Channel Master 62-24356-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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ANTENNA ID: GE1-1.8 1.8 meters Channel Master 183 TX/RX

14000.0000 - 14500.0000 MHz	400KG1D	52.54 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D		SCPC 3/4 RATE QPSK DIGITAL CARRIER
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ANTENNA ID: CM 75E 0.75 meters CHANNEL MASTER TYPE 75E

14000.0000 - 14500.0000 MHz	400KG1B	41.71 dBW	QPSK
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11700.0000 - 12200.0000 MHz	400KG1B		QPSK
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ANTENNA ID: CM 96 0.96 meters CHANNEL MASTER TYPE 960



14000.0000 - 14500.0000 MHz	400KG1B	50.23 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1B		QPSK
ANTENNA ID: SUMAN1	3.7 meters	SUMAN	SM T3.7R
6019.6000 - 6425.0000 MHz	22M5G7W	68.76 dBW	QPSK 2/3
5925.0000 - 5989.4000 MHz	22M5G7W	68.76 dBW	QPSK 2/3
3700.0000 - 4200.0000 MHz	22M5G7W		QPSK 2/3

SITE ID: CC BURBANK  
LOCATION: 3400 RIVERSIDE DRIVE, SUITE 800, LOS ANGELES, BURBANK, CA  
34 ° 9 ' 8.00 " N LAT. 118 ° 20 ' 16.00 " W LONG.

ANTENNA ID: CC BBANK	3.8 meters	Prodelin	1383
14000.0000 - 14500.0000 MHz	400KG1D	58.74 dBW	QPSK
11700.0000 - 1220.0000 MHz	400KG1D		QPSK

SITE ID: CC BOISE  
LOCATION: 827 E PARK BLVD, SUITE 201, ADA, BOISE, ID  
43 ° 36 ' 13.00 " N LAT. 116 ° 11 ' 25.00 " W LONG.

ANTENNA ID: CC BOISE	2.4 meters	Channel Master	243 TX/RX
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 1220.0000 MHz	400KG1D		QPSK

SITE ID: CC CLEVELAND  
LOCATION: 6200 OAK TREE BLVD., CUYAHOGA, INDEPENDENCE, OH  
41 ° 23 ' 36.00 " N LAT. 81 ° 39 ' 44.00 " W LONG.

ANTENNA ID: CCLEVELAN	2.4 meters	Channel Master	243 TX/RX
14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	QPSK
11700.0000 - 12200.0000 MHz	400KG1D		QPSK

SITE ID: CCSS ENGLEWOOD  
LOCATION: 7042 SO. REVERE PARKWAY, SUITE 450, ARAPAHOE, ENGLEWOOD, CO  
39 ° 35 ' 51.00 " N LAT. 104 ° 50 ' 24.00 " W LONG.

SITE ID: RM0405  
LOCATION: 400 Ridgefield Ct., Buncombe, Asheville, NC  
35 ° 35 ' 32.00 " N LAT. 82 ° 34 ' 26.00 " W LONG.

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ANTENNA ID: RM0405      1.8 meters      Channel Master      62-18356-01  
14000.0000 - 14500.0000 MHz      400KG1D      52.03 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      GW04  
LOCATION:      1103 Jamestown Rd, Burke, Morganton, NC  
35 ° 44 ' 40.00 " N LAT.      84 ° 41 ' 8.00 " W LONG.

ANTENNA ID: GW04      2.4 meters      Channel Master      62-24356-01  
14000.0000 - 14500.0000 MHz      400KG1D      54.64 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      RM0401  
LOCATION:      4351 North Atlantic, Oakland, Auburn Hills, MI  
42 ° 40 ' 50.00 " N LAT.      83 ° 12 ' 36.00 " W LONG.

ANTENNA ID: RM0401      2.4 meters      Channel Master      62-24356-01  
14000.0000 - 14500.0000 MHz      400KG1D      54.13 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      RM0402  
LOCATION:      9301 South M-221, Chippewa, Brimley, MI  
46 ° 24 ' 20.00 " N LAT.      84 ° 34 ' 38.00 " W LONG.

ANTENNA ID: RM0402      1.8 meters      Channel Master      62-18356-01  
14000.0000 - 14500.0000 MHz      400KG1D      52.03 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER  
11700.0000 - 12200.0000 MHz      400KG1D      0.00 dBW      SCPC 3/4 RATE QPSK DIGITAL CARRIER

SITE ID:      GW02  
LOCATION:      760 Providence Rd., Worcester, Whitinsville, MA  
42 ° 6 ' 47.00 " N LAT.      71 ° 40 ' 5.00 " W LONG.

ANTENNA ID: GW02      2.4 meters      Channel Master      62-24356-01

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14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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SITE ID: GW03

LOCATION: Ames RC BLDG N254, Santa Clara, Moffett Field, CA

37 ° 25 ' 7.00 " N LAT.

122 ° 3 ' 13.00 " W LONG.

ANTENNA ID: GW03                      2.4 meters                      Channel Master                      62-24356-01

14000.0000 - 14500.0000 MHz	400KG1D	54.64 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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11700.0000 - 12200.0000 MHz	400KG1D	0.00 dBW	SCPC 3/4 RATE QPSK DIGITAL CARRIER
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**Points of Communication:**

CC BOISE - ALSAT - (ALSAT)

CC BURBANK - ALSAT - (ALSAT)

CC CLEVELAND - ALSAT - (ALSAT)

CC LIMA - ALSAT - (ALSAT)

CC MINNEAPOLIS - ALSAT - (ALSAT)

CC PORT ST LUCY - ALSAT - (ALSAT)

CC SAN DIEGO - ALSAT - (ALSAT)

CC TAMPA - ALSAT - (ALSAT)

CCSS ENGLEWOOD - AMC-8 (formerly GE-8 - (139 W.L.))

CCSS ENGLEWOOD - AMC-8 (formerly GE-8 - (139 W.L.))

CS0102 - ALSAT - (ALSAT)

CS0104 - ALSAT - (ALSAT)

CS0105 - ALSAT - (ALSAT)

CS0108 - ALSAT - (ALSAT)

CS0109 - ALSAT - (ALSAT)

CS0111 - ALSAT - (ALSAT)

CS0113 - ALSAT - (ALSAT)

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DPS PUEBLO - ALSAT - (ALSAT)

GW02 - ALSAT - (ALSAT)

GW03 - ALSAT - (ALSAT)

GW04 - ALSAT - (ALSAT)

GW05 - ALSAT - (ALSAT)

PRN IN - ALSAT - (ALSAT)

PRN NC - ALSAT - (ALSAT)

PRN NV - ALSAT - (ALSAT)

RM0401 - ALSAT - (ALSAT)

RM0402 - ALSAT - (ALSAT)

RM0403 - ALSAT - (ALSAT)

RM0404 - ALSAT - (ALSAT)

RM0405 - ALSAT - (ALSAT)

TRANSPORTABLE ONE - ALSAT - (ALSAT)

TRANSPORTABLE TWO - ALSAT - (ALSAT)

TRUTH RADIO NETWORK - ALSAT - (ALSAT)

TT1202 - ALSAT - (ALSAT)

TT1204 - ALSAT - (ALSAT)

TT1208 - ALSAT - (ALSAT)

TT1816 - ALSAT - (ALSAT)

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**SES-ASG-20040204-00281** P E000129 NBC News Channel, Inc.

Application for Consent to Assignment

**Current Licensee:** ASCENT MEDIA SYSTEMS AND TECHNOLOGY SERVICES, LLC

**FROM:** ASCENT MEDIA SYSTEM & TECHNOLOGY SERVICES, LLC

**TO:** NBC Telemundo License Co.

No. of Station(s) listed: 2

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**SES-LIC-20040107-00141** P E040059 LATIN ENTERTAINMENT NETWORK, INC.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: 805 NORTH DIXIE AVENUE, BREVARD, TITUSVILLE, FL  
28 ° 37 ' 55.00 " N LAT. 50 ° 49 ' 22.00 " W LONG.

ANTENNA ID: 1 2.4 meters PATRIOT ANTENNA SYSTEMS TXFCC-240KU  
14000.0000 - 14500.0000 MHz 900KG7D 13.00 dBW DIGITAL MPEG2 AUDIO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20040210-00282** P E040105 LORAL SPACECOM CORPORATION ( DEBTOR-IN-POSSESSION )

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: HAWLEY-HISP-1C  
LOCATION: RR #1 BOX 672 SATELLITE ROAD, PIKE, HAWLEY, PA  
41 ° 27 ' 51.00 " N LAT. 75 ° 7 ' 46.80 " W LONG.

ANTENNA ID: 1 2.4 meters CHANNEL MASTER 243  
14000.0000 - 14500.0000 MHz 667KG7W 57.00 dBW 512 Kbps OPSK w R/S  
11700.0000 - 12200.0000 MHz 667KG7W 512 Kbps OPSK w R/S

**Points of Communication:**

HAWLEY-HISP-1C - ALSAT - (ALSAT)

HAWLEY-HISP-1C - HISPASAT 1C - (30.0 W.L.)

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**SES-LIC-20040227-00300** E E040117 CABLE NEWS NETWORK LP, LLLP

Application for Authority

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

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

SITE ID: 1  
LOCATION: ONE CNN CENTER (TRUCK DC MICROWAVE), VARIOUS

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

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-LIC-20040227-00301** E E040118 CABLE NEWS NETWORK LP, LLLP

Application for Authority

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

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

SITE ID: 1

LOCATION: ONE CNN CENTER ATLANTA, GA 30348, VARIOUS

ANTENNA ID: 1	1.8 meters	AVL Technology	1800 USA SNG
14000.0000 - 14500.0000 MHz	36M0G7W	71.47 dBW	ONE 36 MBIT MCPC DIGITAL CARRIER FOR VOICE DATA WITH AN EMISSION DESIGNATION OF 36MOG7W

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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**SES-MOD-20040126-00118** E E020101 LORAL SPACECOM CORPORATION ( DEBTOR-IN-POSSESSION )

Application for Modification

**Class of Station:** VSAT Network

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

"MOD" to add a PATRIOT 1.2M, 1.8M and a 2.4M Antenna, new emission designator and related service to it's existing Ku-band VSAT Network System.

SITE ID: REMOTE 1.8M

LOCATION: VSAT ( 1.8M), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/P	1.8 meters	PRODELIN	1194
14000.0000 - 14500.0000 MHz	324KG7W	49.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	49.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M41G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: HUB 9.3-M  
LOCATION: 1305 INDUSTRIAL PARK ROAD, SHENANDOAH, MT. JACKSON, VA  
38 ° 43 ' 42.00 " N LAT. 78 ° 39 ' 25.00 " W LONG.

ANTENNA ID: 9.3-M/V 9.3 meters VERTEX 94.1.6

14000.0000 - 14500.0000 MHz	3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz	54M0G7W	78.30 dBW	QPSK 48MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz	324KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	842KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M41G7W		QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz	380KG7W		QPSK 256 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	750KG7W		QPSK 512 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	1M50G7W		QPSK 1024 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	3M00G7W		QPSK 2048 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz	360KG7W		QPSK 144 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	936KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE

SITE ID: REMOTE 0.95M  
LOCATION: VSAT (0.95M), CONUS, (5000 UNITS)

ANTENNA ID: 0.95M/R	0.95 meters	RAYTHEON	SMDS2100
14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE



14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 1.2M  
LOCATION: VSAT ( 1.2M), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	324KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	842KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M41G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS 1/2 FEC

14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 5

LOCATION: VSAT (0.96M), CONUS, (5000 UNITS)

ANTENNA ID: 0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
14000.0000 - 14500.0000 MHz	380KG7W	44.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	44.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	44.20 dBW	QPSK 1024 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	3M00G7W	44.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	38.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	38.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	38.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	38.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 6

LOCATION: VSAT (1.2M), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M.CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE

14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 7  
LOCATION: VSAT (1.8M), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/CM      1.8 meters      CHANNEL MASTER      TYPE 180

14000.0000 - 14500.0000 MHz	380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE
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14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8  
LOCATION: VSAT (2.4M), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/CM      2.4 meters      CHANNEL MASTER      TYPE 240

14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TIRBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE9P  
LOCATION: VSAT (1.2M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 1.2M PAT	1.2 meters	PATRIOT	TXFCC-120KU
14000.0000 - 14500.0000 MHz	3M00G7W	46.50 dBW	2048 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	46.50 dBW	256 KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.00 dBW	QPSK, 2048 KBPS, 1/2 FEC CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK, 144 KBPS, 1/2 FEC CONCATENATED CODE
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

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11700.0000 - 12200.0000 MHz	54M0G7W		QPSK, 48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
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SITE ID: REMOTE10P

LOCATION: VSAT (1.8M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 1.8M PAT	1.8 meters	PATRIOT	TXFCC-180KU
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14000.0000 - 14500.0000 MHz	3M00G7W	56.00 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
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14000.0000 - 14500.0000 MHz	380KG7W	56.00 dBW	QPSK, 256 KBPS, 2/3 FEC TURBOCODING
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11700.0000 - 12200.0000 MHz	3M00G7W		QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
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11700.0000 - 12200.0000 MHz	380KG7W		QPSK, 256 KBPS, 2/3 FEC TURBOCODING
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SITE ID: REMOTE8P

LOCATION: VSAT (2.4M) 1305 INDUSTRIAL PARK ROAD, CONUS, (5000 UNITS)

ANTENNA ID: 2.4M PAT	2.4 meters	PATRIOT	TXFCC-240KU
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14000.0000 - 14500.0000 MHz	380KG7W	58.50 dBW	QPSK, 256 KBPS, TURBOCODE, 2/3 FEC
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14000.0000 - 14500.0000 MHz	3M00G7W	58.50 dBW	QPSK 2048 KBPS, TURBOCODE, 2/3 FEC
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11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS, HUB OUTBOUND TO VSAT
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11700.0000 - 12200.0000 MHz	54M00G7W		QPSK, 48 MBPS, HUB OUTBOUND TO VSAT
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**Points of Communication:**

HUB 9.3-M - ALSAT - (ALSAT)

REMOTE 0.95M - TELESTAR 11 - (37.5 W.L.)

REMOTE 0.95M - TELSTAR 6 - (93 W.L.)

REMOTE 1.2M - ALSAT - (ALSAT)

REMOTE 1.8M - ALSAT - (ALSAT)

REMOTE 5 - TELSTAR 6 - (93 W.L.)

REMOTE 6 - ALSAT - (ALSAT)

REMOTE 7 - ALSAT - (ALSAT)

REMOTE 8 - ALSAT - (ALSAT)

REMOTE10P - ALSAT - (ALSAT)

REMOTE8P - ALSAT - (ALSAT)

REMOTE9P - ALSAT - (ALSAT)

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**SES-MOD-20040126-00119** E E030029 LORAL SPACECOM CORPORATION ( DEBTOR-IN-POSSESSION )

Application for Modification

**Class of Station:** VSAT Network

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

"MOD" to add a PATRIOT 1.2M, 1.8M and a 2.4M Antenna to it's existing Ku-band Earth Station VSAT Network System.

**SITE ID:** 1 HUB

**LOCATION:** 1305 INDUSTRIAL PARK ROAD (9.0M. HUB), SHENANDOAH, MT. JACKSON, VA

38 ° 43 ' 42.00 " N LAT.

78 ° 39 ' 25.00 " W LONG.

ANTENNA ID:	9.0M/V	9 meters	VERTEX	9 KPK	
14000.0000 - 14500.0000 MHz			3M91G7W	67.00 dBW	QPSK 3MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz			8M79G7W	66.70 dBW	QPSK 8MBPS HUB OUTBOUND TO VSAT
14000.0000 - 14500.0000 MHz			54M0G7W	80.00 dBW	QPSK 48MBPS 2/3 FEC
11700.0000 - 12200.0000 MHz			324KG7W		QPSK 144 KBPS
11700.0000 - 12200.0000 MHz			842KG7W		QPSK 384 KBPS
11700.0000 - 12200.0000 MHz			4M41G7W		QPSK 2048 KBPS
11700.0000 - 12200.0000 MHz			3M17G7W		QPSK 2048 KBPS, RATE 1/2 CODE
11700.0000 - 12200.0000 MHz			380KG7W		QPSK 256 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz			750KG7W		QPSK 512 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz			1M50G7W		QPSK 1024 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz			3M00G7W		QPSK 2048 KBPS, TURBO CODE
11700.0000 - 12200.0000 MHz			360KG7W		QPSK 144 KBPS, CONCATENATED CODE



11700.0000 - 12200.0000 MHz	936KG7W		QPSK 384 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	2M45G7W		QPSK 1024 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	4M90G7W		QPSK 2048 KBPS, CONCATENATED CODE

SITE ID: REMOTE 1  
LOCATION: (0.95M.VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 0.95M/R	0.95 meters	RAYTHEON	SMDS 2100
14000.0000 - 14500.0000 MHz	4M41G7W	44.70 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	44.70 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	324KG7W	44.70 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	3M17G7W	44.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	360KG7W	44.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	44.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	44.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	44.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	41.70 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	41.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	41.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	41.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 2			
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)			
ANTENNA ID: 1.2M/P	1.2 meters	PRODELIN	1134
14000.0000 - 14500.0000 MHz	3M17G7W	46.00 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	324KG7W	46.00 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	46.00 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	4M41G7W	46.00 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.00 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.00 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.00 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.00 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W	0.00 dBW	QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 3  
LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/P	1.8 meters	PRODELIN	1194
14000.0000 - 14500.0000 MHz	4M41G7W	49.70 dBW	QPSK 2048 KBPS
14000.0000 - 14500.0000 MHz	842KG7W	49.70 dBW	QPSK 384 KBPS
14000.0000 - 14500.0000 MHz	324KG7W	49.70 dBW	QPSK 144 KBPS
14000.0000 - 14500.0000 MHz	3M17G7W	52.70 dBW	QPSK 2048 KBPS, RATE 1/2 CODE
14000.0000 - 14500.0000 MHz	380KG7W	52.50 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	52.70 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	52.70 dBW	QPSK 1025 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	52.70 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	52.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	52.70 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	52.70 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	52.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	75K0G7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE

14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	49.70 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 7

LOCATION: (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/CM	2.4 meters	CHANNEL MASTER	TYPE 240
14000.0000 - 14500.0000 MHz	380KG7W	55.10 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	58.00 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	58.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	58.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	54.80 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	58.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	58.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	58.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

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SITE ID: REMOTE 4  
LOCATION: (.96M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	0.96M/CM	0.96 meters	CHANNEL MASTER	TYPE 960
14000.0000 - 14500.0000 MHz			380KG7W 44.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			750KG7W 44.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			1M50G7W 44.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			3M00G7W 44.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			380KG7W 38.20 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			750KG7W 38.20 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			1M50G7W 38.20 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			3M00G7W 38.20 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz			360KG7W 44.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			936KG7W 44.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			2M45G7W 44.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			4M90G7W 44.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			360KG7W 38.20 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			936KG7W 38.20 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			2M45G7W 38.20 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz			4M90G7W 38.20 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz			8M79G7W	QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz			3M91G7W	QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC
SITE ID: REMOTE 5			
LOCATION: (1.2M. VSAT), CONUS, (5000 UNITS)			
ANTENNA ID: 1.2M/CM	1.2 meters	CHANNEL MASTER	TYPE 120
14000.0000 - 14500.0000 MHz	380KG7W	46.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	46.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	46.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	46.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	43.30 dBW	QPSK 256 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	750KG7W	43.30 dBW	QPSK 512 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	1M50G7W	43.30 dBW	QPSK 1024 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	3M00G7W	43.30 dBW	QPSK 2048 KBPS, TURBO CODE
14000.0000 - 14500.0000 MHz	360KG7W	46.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	46.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	46.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	46.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	360KG7W	43.30 dBW	QPSK 144 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	936KG7W	43.30 dBW	QPSK 384 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	2M45G7W	43.30 dBW	QPSK 1024 KBPS, CONCATENATED CODE
14000.0000 - 14500.0000 MHz	4M90G7W	43.30 dBW	QPSK 2048 KBPS, CONCATENATED CODE
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT

11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 6  
LOCATION: (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID:	1.8M/CM	1.8 meters	CHANNEL MASTER	TYPE180
14000.0000 - 14500.0000 MHz	380KG7W	52.60 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	52.80 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	52.80 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	52.80 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	360KG7W	52.30 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	52.80 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	52.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	52.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	380KG7W	49.80 dBW	QPSK 256 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	750KG7W	49.80 dBW	QPSK 512 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	1M50G7W	49.80 dBW	QPSK 1024 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	3M00G7W	49.80 dBW	QPSK 2048 KBPS, TURBO CODE	
14000.0000 - 14500.0000 MHz	360KG7W	49.80 dBW	QPSK 144 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	936KG7W	49.80 dBW	QPSK 384 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	2M45G7W	49.80 dBW	QPSK 1024 KBPS, CONCATENATED CODE	
14000.0000 - 14500.0000 MHz	4M90G7W	49.80 dBW	QPSK 2048 KBPS, CONCATENATED CODE	

11700.0000 - 12200.0000 MHz	8M79G7W		QPSK 8MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK 3MBPS HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M0G7W		QPSK 48MBPS 2/3 FEC

SITE ID: REMOTE 8P  
LOCATION: 1305 INDUSTRIAL PARK ROAD (2.4M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 2.4M/PAT	2.4 meters	PATRIOT	TXFCC-240KU
14000.0000 - 14500.0000 MHz	380KG7W	58.50 dBW	QPSK, 256KBPS, TURBOCODE, 2/3 FEC
14000.0000 - 14500.0000 MHz	3M00G7W	58.50 dBW	QPSK 2048KBPS, TURBOCODE, 2/3 FEC
11700.0000 - 12200.0000 MHz	3M91G7W		QPSK, 3 MBPS, HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	54M00G7W		QPSK, 48 MBPS, HUB OUTBOUND TO VSAT

SITE ID: REMOTE 9P  
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.2M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.2M/PAT	1.2 meters	PATRIOT	TXFCC-120KU
14000.0000 - 14500.0000 MHz	3M00G7W	46.50 dBW	2048KBPS 2/3FEC TURBO CODE
14000.0000 - 14500.0000 MHz	380KG7W	46.50 dBW	256 KBPS 2/3FEC TURBO CODE
11700.0000 - 12200.0000 MHz	54M0G7W		48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W		3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

SITE ID: REMOTE 10P  
LOCATION: 1305 INDUSTRIAL PARK ROAD (1.8M. VSAT), CONUS, (5000 UNITS)

ANTENNA ID: 1.8M/PAT	1.8 meters	PATRIOT	TXFCC-180KU
14000.0000 - 14500.0000 MHz	3M00G7W	56.00 dBW	QPSK, 2048 KBPS, 2/3 FEC TURBOCODING
14000.0000 - 14500.0000 MHz	380KG7W	56.00 dBW	QPSK, 256KBPS, 2/3 FEC TURBOCODING



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11700.0000 - 12200.0000 MHz	54M0G7W	48 MBPS 2/3 FEC HUB OUTBOUND TO VSAT
11700.0000 - 12200.0000 MHz	3M91G7W	3 MBPS 2/3 FEC HUB OUTBOUND TO VSAT

**Points of Communication:**

- 1 HUB - ALSAT - (ALSAT)
- 1 HUB - TELESTAR 12 - (15 W.L.)
- REMOTE 1 - TELESTAR 11 - (37.5 W.L.)
- REMOTE 1 - TELESTAR 12 - (15 W.L.)
- REMOTE 10P - ALSAT - (ALSAT)
- REMOTE 2 - ALSAT - (ALSAT)
- REMOTE 2 - TELESTAR 12 - (15 W.L.)
- REMOTE 3 - ALSAT - (ALSAT)
- REMOTE 3 - TELESTAR 12 - (15 W.L.)
- REMOTE 4 - TELESTAR 12 - (15 W.L.)
- REMOTE 5 - ALSAT - (ALSAT)
- REMOTE 5 - TELESTAR 12 - (15 W.L.)
- REMOTE 6 - ALSAT - (ALSAT)
- REMOTE 6 - TELESTAR 12 - (15 W.L.)
- REMOTE 7 - ALSAT - (ALSAT)
- REMOTE 7 - TELESTAR 12 - (15 W.L.)
- REMOTE 8P - ALSAT - (ALSAT)
- REMOTE 9P - ALSAT - (ALSAT)

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**SES-MOD-20040224-00258** E E910441 ACC Licensee, Inc.

Application for Modification

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

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

"MOD" to change emission designator and related service.

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SITE ID: 1  
LOCATION: VARIOUS

ANTENNA ID: 1	1.5 meters	VERTEX	1.5SMK
14000.0000 - 14500.0000 MHz	15M0G7W	67.24 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO AND DATA
11700.0000 - 12200.0000 MHz	15M0G7W	0.00 dBW	DIGITAL MCPC QPSK CARRIER FOR VIDEO AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20040224-00259** E E980337 ACC Licensee, Inc.

Application for Modification

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

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

"MOD" to add new emission designator and related service and to change emission designator and related service.

SITE ID: 1  
LOCATION: VARIOUS

0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: 1	2.4 meters	VERTEX	2.4 DMK
14000.0000 - 14500.0000 MHz	36M0F3F	74.84 dBW	FOR NTSC VIDEO W/ENERGY DISPERSAL
14000.0000 - 14500.0000 MHz	25M0F3F	73.25 dBW	FOR NTSC VIDEO W/ENERGY DISPERSAL
14000.0000 - 14500.0000 MHz	15M0G7W	71.04 dBW	DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA
11700.0000 - 12200.0000 MHz	15M0G7W		DIGITAL MCPC QPSK CARRIER USED FOR VIDEO, AUDIO, AND DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20040224-00260** E E920267 CHEVRON USA INC

Application for Modification

**Class of Station:** VSAT Network

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

"MOD" to add new emission designator and related service.

SITE ID: 1

LOCATION: CONUS, AK, 500 Units

ANTENNA ID: 1	0.75 meters	HUGHES NET SYSTS INC	SCE3000179
14000.0000 - 14500.0000 MHz	307KG7D	42.10 dBW	
11700.0000 - 12200.0000 MHz	1M23G7D		
11700.0000 - 12200.0000 MHz	22M0F8W		
14000.0000 - 14500.0000 MHz	200KG7D	42.10 dBW	BPSK OR MSK, DATA, 128 KSPS
11700.0000 - 12200.0000 MHz	6M20G7D	0.00 dBW	128 KBPS, OQPSK, INROUTE

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20040224-00266** E WD58 The Christian Broadcasting Network, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to relocate fixed station and to correct licensed coordinates.

SITE ID: 1

LOCATION: 977 CENTERVILLE TURNPIKE, VIRGINIA BEACH, VA

36 ° 48 ' 1.50 " N LAT.

76 ° 11 ' 29.20 " W LONG.

ANTENNA ID: 1	10 meters	SCIENTIFIC ATLANTA	8002
5925.0000 - 6425.0000 MHz	36M0G7W	77.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	51K2G7W	77.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	36M0F3F	77.50 dBW	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL
3700.0000 - 4200.0000 MHz	51K2G7W		DIGITAL
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG VIDEO

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ANTENNA ID: 2	9 meters	HARRIS	5251
5925.0000 - 6425.0000 MHz	36M0G7W	77.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	51K2G7W	77.50 dBW	DIGITAL
5925.0000 - 6425.0000 MHz	36M0F3F	77.50 dBW	ANALOG VIDEO
3700.0000 - 4200.0000 MHz	36M0G7W		DIGITAL
3700.0000 - 4200.0000 MHz	51K2G7W		DIGITAL
3700.0000 - 4200.0000 MHz	36M0F3F		ANALOG

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20040224-00267** E E930230 The Christian Broadcasting Network, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to relocate fixed station and to correct licensed coordinates.

SITE ID: 1

LOCATION: 977 CENTERVILLE TURNPIKE, VIRGINIA BEACH, VA

36 ° 48 ' 1.00 " N LAT.

76 ° 11 ' 27.50 " W LONG.

ANTENNA ID: 1	11 meters	SCIENTIFIC-ATLANTA	8007
6098.5500 - 6425.0000 MHz	36M0G7W	78.40 dBW	DIGITAL VIDEO
6068.9000 - 6088.3500 MHz	36M0G7W	78.40 dBW	DIGITAL VIDEO
5925.0000 - 6058.7000 MHz	36M0G7W	78.40 dBW	DIGITAL VIDEO
6098.5500 - 6425.0000 MHz	51K2G7W	55.00 dBW	DIGITAL VIDEO
6068.9000 - 6088.3500 MHz	51K2G7W	55.00 dBW	DIGITAL VIDEO
5925.0000 - 6058.7000 MHz	51K2G7W	55.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0G7W	78.40 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	51K2G7W	55.00 dBW	DIGITAL VIDEO
5925.0000 - 6425.0000 MHz	36M0F3F	78.40 dBW	ANALOG VIDEO

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3700.0000 - 4200.0000 MHz	36M0G7W	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	51K2G7W	DIGITAL VIDEO
3700.0000 - 4200.0000 MHz	36M0F3F	ANALOG VIDEO

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - COL515 - (37.7 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT AOR -
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT AOR - (310.0 E.L.)
- 1 - INTELSAT AOR - (319.5 E.L.)
- 1 - INTELSAT AOR - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 E.L.)
- 1 - INTELSAT AOR - (328.6 E.L.)
- 1 - INTELSAT AOR - (330.5 E.L.)
- 1 - INTELSAT AOR - (332.5 E.L.)
- 1 - INTELSAT AOR - (335.5 E.L.)
- 1 - INTELSAT AOR - (338.7 E.L.)
- 1 - INTELSAT AOR - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - PAS-9 - (58.0 W.L.)
- 1 - TDRS-6 - (47.0 W.L.)

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**SES-REG-20040220-00251** E E040098 EAST STROUDSBURG UNIVERSITY OF PA. STATE SYSTEM OF HIGHER EDUCATION

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: MCGARRY COMMUNICATIONS BLDG. (WESS) CENTRE STREET, MONROE, EAST STROUDSBURG, PA  
40 ° 59 ' 41.00 " N LAT. 75 ° 10 ' 25.40 " W LONG.

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

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040220-00256** E E040100 NEVADA CITY COMMUNITY BROADCAST GROUP

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 401 SPRING STREET (KVMR) CITY HALL, NEVADA, NEVADA CITY, CA  
39 ° 15 ' 45.30 " N LAT. 121 ° 1 ' 10.00 " W LONG.

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

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040223-00263** E E040101 HUTCHINSON COMMUNITY COLLEGE - RADIO KANSAS

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 815 NORTH WALNUT ( KHCC-FM), RENO, HUTCHINSON, KS  
38 ° 3 ' 44.00 " N LAT. 97 ° 55 ' 50.00 " W LONG.

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

3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER

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3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO  
CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040223-00264** E E040102 CONSOLIDATED COMMUNICATIONS TELECOM SERVICES, INC.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 805 7TH STREET, COLES, CHARLESTON, IL

39 ° 29 ' 28.70 " N LAT.

88 ° 10 ' 23.80 " W LONG.

ANTENNA ID: 1

5 meters

ANTENNA TECH CORP

SIMULSAT 5M

3700.0000 - 4200.0000 MHz

36M0F8W

ANALOG VIDEO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040224-00265** E E040103 PITTSBURGH COMMUNITY BROADCASTING CORP.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 2313 EAST CARSON STREET (WYEP-FM), ALLEGHENY, PITTSBURGH, PA

40 ° 25 ' 42.00 " N LAT.

79 ° 58 ' 20.00 " W LONG.

ANTENNA ID: 1

3.7 meters

PRODELIN CORPORATION

3.7 M

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO  
CARRIER

3700.0000 - 4200.0000 MHz

30K0F1D

DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040225-00285** E E040107 WHITE ASH BROADCASTING, INC.

Registration

**Class of Station:** Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: 3437 W. SHAW AVE. (KVPR), FRESNO, FRESNO, CA  
36 ° 48 ' 16.00 " N LAT. 119 ° 51 ' 12.70 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF  
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER  
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040225-00286** E E040108 SYRACUSE UNIVERSITY

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 215 UNIVERSITY PLACE (WAER-FM), ONONDAGA, SYRACUSE, NY  
43 ° 2 ' 25.20 " N LAT. 76 ° 8 ' 8.70 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF  
3700.0000 - 4200.0000 MHz 10M3G7W 0.00 dBW DIGITAL AUDIO CARRIER  
3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW DIGITAL BROADCAST AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040226-00288** E E040110 WGLT, ILLINOIS STATE UNIVERSITY

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 310 OLD UNION BLDG. (WGLT-FM), MCLEAN, NORMAL, IL  
40 ° 30 ' 31.00 " N LAT. 88 ° 59 ' 23.00 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN CORPORATION 136-750  
3700.0000 - 4200.0000 MHz 30K0F1D DIGITAL AUDIO CARRIER



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3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO  
CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040227-00289** E E040111 UNIVERSITY OF SOUTHERN CALIFORNIA

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 515 SOUTH FIGUEROA STREET (KUSC-FM), ORANGE, LOS ANGELES, CA

34 ° 3 ' 6.00 " N LAT.

118 ° 15 ' 28.00 " W LONG.

ANTENNA ID: 1

3.8 meters

PATRIOT ANTENNA SYSTEM

PRT-380AZ

3700.0000 - 4200.0000 MHz

30K0F1D

DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO  
CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040227-00290** E E040112 ELIZABETH CITY STATE UNIVERSITY

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: WILLIAM HALL, UNIVERSITY DRIVE (WRVS/ECSU), PASQUOTANK, ELIZABETH CITY, NC

36 ° 16 ' 58.00 " N LAT.

76 ° 12 ' 43.70 " W LONG.

ANTENNA ID: 3.7M.

3.7 meters

PRODELIN CORPORATION

136-750

3700.0000 - 4200.0000 MHz

30K0F1D

DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040227-00291** E E040113 VIRGINIA TECH FOUNDATION, INC.

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3520 KINGSBURY LANE (WVTF-FM), ROANOKE, ROANOKE, VA  
37 ° 14 ' 22.10 " N LAT. 79 ° 58 ' 10.00 " W LONG.

ANTENNA ID: 1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
3700.0000 - 4200.0000 MHz	30K0F1D		DIGITAL AUDIO CARRIER
3700.0000 - 4200.0000 MHz	10M3G7W		DIGITAL BROADCAST AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040227-00292** E E040114 UNIVERSITY OF UTAH

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 101 SOUTH WASATCH DRIVE (KUER-FM), SALT LAKE, SALT LAKE CITY, UT  
40 ° 46 ' 3.20 " N LAT. 111 ° 50 ' 17.90 " W LONG.

ANTENNA ID: 1	3.8 meters	COMTECH ANTENNA SYSTEMS	3.8 METER PF
3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	DIGITAL BROADCAST AUDIO CARRIER
3700.0000 - 4200.0000 MHz	10M3G7W	0.00 dBW	DIGITAL AUDIO CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20040301-00303** E E040120 GEORGIA PUBLIC TELECOMMUNICATIONS COMMISSION

Registration

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1600 MAPLE STREET (WUWG-FM), CARROLL, CARROLLTON, GA  
33 ° 50 ' 0.00 " N LAT. 85 ° 1 ' 40.00 " W LONG.

ANTENNA ID: 3.7 M.	3.7 meters	PRODELIN CORPORATION	136-750
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3700.0000 - 4200.0000 MHz

30K0F1D

DIGITAL AUDIO CARRIER

3700.0000 - 4200.0000 MHz

10M3G7W

DIGITAL BROADCAST AUDIO  
CARRIER

**Points of Communication:**

1 - ALSAT - (ALSAT)

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