



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01050

Wednesday July 16, 2008

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-20080703-00893 E E080145 HARRIS CORPORATION

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This AMD was filed to correct the issues identified in the letter, to complete items E51 through E60 of the Schedule B and specify the kind of services to be provided in response to item E50. This amendment is associated with a pending license File Number SES-LIC-20080702-00881.

SITE ID: MLB HUB 2

LOCATION: 1025 WEST NASA BLVD., BREVARD, MELBOURNE, FL

28 ° 5 ' 23.00 " N LAT.

80 ° 38 ' 20.00 " W LONG.

ANTENNA ID: 1HUB2

6.2 meters

VERTEX RSI

6.2 CASSEGRAIN

14000.0000 - 14500.0000 MHz

4M00N7W

67.60 dBW

QPSK DIGITAL VIDEO SERVICES

11700.0000 - 12200.0000 MHz

4M00N7W

QPSK DIGITAL VIDEO SERVICES

Points of Communication:

MLB HUB 2 - ALSAT - (ALSAT)

SES-LIC-20080702-00881 E E080145 HARRIS CORPORATION

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

This application license is associated with an AMD File Number SES-AMD-20080703-00893.

SITE ID: MLB HUB 2
LOCATION: 1025 WEST NASA BLVD., BREVARD, MELBOURNE, FL
28 ° 5 ' 23.00 " N LAT. 80 ° 38 ' 20.00 " W LONG.

| | | | | | |
|-------------|-----------------------------|------------|------------|----------------|-----------------------------|
| ANTENNA ID: | 1HUB2 | 6.2 meters | VERTEX RSI | 6.2 CASSEGRAIN | |
| | 14000.0000 - 14500.0000 MHz | | 4M00N7W | 67.60 dBW | QPSK DIGITAL VIDEO SERVICES |
| | 11700.0000 - 12200.0000 MHz | | 4M00N7W | | QPSK DIGITAL VIDEO SERVICES |

Points of Communication:

MLB HUB 2 - ALSAT - (ALSAT)

SES-LIC-20080708-00907 E E080161 CRAWFORD COMMUNICATIONS, INC.

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: (TES-40), VARIOUS

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|-------------|-----------------------------|------------|---------|-----------|---|
| ANTENNA ID: | TES-40 | 2.6 meters | VERTEX | DMK | |
| | 14000.0000 - 14500.0000 MHz | | 36M0G7W | 74.87 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION |
| | 14000.0000 - 14500.0000 MHz | | 51K2G7W | 46.40 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION |

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20080711-00923 E E080166 Milwaukee Area Technical College District Board

EZ

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION:

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|-------------|-----------------------------|------------|------------------|-----------|--|
| ANTENNA ID: | 1 | 1.8 meters | AvL Technologies | 1810K | |
| | 14000.0000 - 14500.0000 MHz | | 36M0G7W | 72.04 dBW | One 36 Mbit MCPC digital carrier for voice/data |
| | 14000.0000 - 14500.0000 MHz | | 36M0F8W | 72.04 dBW | One wideband 36MHz frequency modulation video carrier |

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20080714-00932 E E080167 Southside Baptist Church dba Brand New Church

Application for Authority

Class of Station: Temporary Fixed Earth Station

Nature of Service: Domestic Fixed Satellite Service

SITE ID: T1

LOCATION: VARIOUS

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|-------------|-----------------------------|------------|-------------------|---------------|
| ANTENNA ID: | T1 | 1.5 meters | Swe-Dish | DA150K |
| | 11700.0000 - 12200.0000 MHz | | 2M69G7D | Digital Video |
| | 14000.0000 - 14500.0000 MHz | | 2M69G7D 59.30 dBW | Digital Video |

Points of Communication:

T1 - ALSAT - (ALSAT)

SES-MFS-20080606-00715 E WB36 Vizada, Inc.

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service, Other

Modification filed to requests authority to operate up to 300 remote Earth Station on Vessels (ESV) antennas to provide C-band ESV service through its Soutbury, CT teleport.

SITE ID: SOUTHBURY

LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT

41 ° 27 ' 5.30 " N LAT.

73 ° 17 ' 19.40 " W LONG.

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|-------------|---------------------------|-------------|--------------------|--|
| ANTENNA ID: | 21-C-NORM | 12.8 meters | PHILCO FORD | 12.8M |
| | 6454.4000 - 6456.6000 MHz | | 2M20G1D 80.70 dBW | BPSK SPREAD SPECTRUM DATA (NAVIGATION) |
| | 6424.0000 - 6454.0000 MHz | | NON 62.00 dBW | UNMODULATED AFC PILOT (CLOSE LOOP) |
| | 6424.0000 - 6454.0000 MHz | | 34K0F3E 62.00 dBW | FM TELEPHONY COMPANDED AND UNCOMPANDED |
| | 6424.0000 - 6454.0000 MHz | | 2K40G7D- 51.10 dBW | BPSK, DATA/TDM |
| | 6424.0000 - 6454.0000 MHz | | 132KG7D 62.00 dBW | BPSK, DATA/TDM |
| | 6424.0000 - 6454.0000 MHz | | 2K40G1D- 51.10 dBW | BPSK, DATA |
| | 6424.0000 - 6454.0000 MHz | | 2M20G1D 62.00 dBW | BPSK, DATA |

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|---------------------------|----------|-----------|--|
| 6424.0000 - 6454.0000 MHz | 5K60G1W | 54.80 dBW | QPSK, DATA/FAX |
| 6424.0000 - 6454.0000 MHz | 24K0G1W | 61.10 dBW | QPSK, DATA/FAX |
| 6424.0000 - 6454.0000 MHz | 5K60G1E- | 54.80 dBW | QPSK, TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 24K0G1E | 61.10 dBW | QPSK, TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 40K0G1W | 63.30 dBW | 16QAM DIGITAL TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 400KG1F | 62.00 dBW | QPSK, DIGITAL VIDEO/DATA |
| 6424.0000 - 6454.0000 MHz | 27K0F3W | 62.00 dBW | FM9 ANALOG BROADCAST CARRIER |
| 5927.0000 - 5927.0000 MHz | NON | 53.30 dBW | TT&C RANGING CARRIER |
| 3947.0000 - 3953.0000 MHz | 131KG2D | | PCM/PSK/BI-PHASE TRACKING BEACON |
| 3947.0000 - 3953.0000 MHz | 131KG2D | | PCM/PSK/BI-PHASE TRACKING BEACON |
| 3700.0000 - 4200.0000 MHz | 36M0F8W | | TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |
| 3700.0000 - 4200.0000 MHz | 36M0F8W | | TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |
| 3600.0000 - 3629.0000 MHz | NON | | UNMODULATED AFC PILOT (CLOSE LOOP) |
| 3600.0000 - 3629.0000 MHz | 34K0F3E | | FM TELEPHONY COMPANDED AND UNCOMPANDED |
| 3600.0000 - 3629.0000 MHz | 2K40G7D- | | BPSK, DATA/TDM |
| 3600.0000 - 3629.0000 MHz | 132KG7D | | BPSK, DATA/TDM |
| 3600.0000 - 3629.0000 MHz | 2K40G1D- | | BPSK, DATA |
| 3600.0000 - 3629.0000 MHz | 2M20G1D | | BPSK, DATA |
| 3600.0000 - 3629.0000 MHz | 5K60G1W- | | QPSK, DATA/FAX |
| 3600.0000 - 3629.0000 MHz | 24K0G1W | | QPSK, DATA/FAX |
| 3600.0000 - 3629.0000 MHz | 5K60G1E- | | QPSK, TELEPHONY |
| 3600.0000 - 3629.0000 MHz | 24K0G1E | | QPSK, TELEPHONY |
| 3600.0000 - 3629.0000 MHz | 40K0G1W | | 16QAM, DIGITAL TELEPHONY |

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|---------------------------|-------------|-------------|--|---|
| 3600.0000 - 3629.0000 MHz | 400KG1F | | | QPSK, DIGITAL VIDEO/DATA |
| 3600.0000 - 3629.0000 MHz | 2M20G1D | | | BPSK SPREAD SPECTRUM DATA - NAVIGATION CLOSE LOOP |
| ANTENNA ID: 21-C-TT&C | 12.8 meters | PHILCO FORD | | 12.8M |
| 5925.0000 - 6425.0000 MHz | 36M0F8W | 86.50 dBW | | ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |
| ANTENNA ID: 21-L-BAND | 12.8 meters | PHILCO FORD | | 12.8M |
| 1626.5000 - 1660.5000 MHz | NON | 40.50 dBW | | UNMODULATED AFC PILOT (CLOSE LOOP) |
| 1626.5000 - 1660.5000 MHz | 34K0F3E | 36.00 dBW | | TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED |
| 1626.5000 - 1660.5000 MHz | 2K40G7D- | 36.00 dBW | | TEST BPSK, DATA/TDM |
| 1626.5000 - 1660.5000 MHz | 132KG7D | 36.00 dBW | | TEST BPSK, DATA/TDM |
| 1626.5000 - 1660.5000 MHz | 2K40G1D- | 36.00 dBW | | TEST BPSK, DATA |
| 1626.5000 - 1660.5000 MHz | 2M20G1D | 36.00 dBW | | TEST BPSK, DATA |
| 1626.5000 - 1660.5000 MHz | 5K60G1W- | 36.00 dBW | | TEST QPSK, DATA/FAX |
| 1626.5000 - 1660.5000 MHz | 2K40G1W | 36.00 dBW | | TEST QPSK, DATA/FAX |
| 1626.5000 - 1660.5000 MHz | 5K60G1E- | 36.00 dBW | | TEST QPSK, TELEPHONY |
| 1626.5000 - 1660.5000 MHz | 24K0G1E | 36.00 dBW | | TEST QPSK, TELEPHONY |
| 1626.5000 - 1660.5000 MHz | 40K0G1W | 48.20 dBW | | TEST 16QAM DIGITAL TELEPHONY |
| 1626.5000 - 1660.5000 MHz | 400KG1F | 36.00 dBW | | TEST QPSK DIGITAL VIDEO/DATA |
| 1574.4000 - 1576.6000 MHz | 2M20G1D | | | TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP |
| 1525.0000 - 1559.0000 MHz | NON | | | UNMODULATED AFC PILOT (CLOSE LOOP) |
| 1525.0000 - 1559.0000 MHz | 34K0F3E | | | TEST FM, TELEPHONY COMPANDED OR UNCOMPANDED |
| 1525.0000 - 1559.0000 MHz | 2K40G7D- | | | TEST BPSK, DATA/TDM |
| 1525.0000 - 1559.0000 MHz | 132KG7D | | | TEST BPSK, DATA/TDM |
| 1525.0000 - 1559.0000 MHz | 2K40G1D- | | | TEST BPSK, DATA |
| 1525.0000 - 1559.0000 MHz | 2M20G1D | | | TEST BPSK, DATA |

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|---------------------------|-------------|-------------|--|---|
| 1525.0000 - 1559.0000 MHz | 5K60G1W- | | | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 2K40G1W | | | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 5K60G1E- | | | TEST QPSK, TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 24K0G1E | | | TEST QPSK, TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 40K0G1W | | | TEST 16QAM DIGITAL TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 400KG1F | | | TEST QPSK DIGITAL VIDEO/DATA |
| 1525.0000 - 1559.0000 MHz | 2M20G1D | | | TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP |
| ANTENNA ID: 23A-C-NOR | 10.4 meters | PHILCO FORD | | 10.4M |
| 6454.4000 - 6456.6000 MHz | 2M20G1D | 73.50 dBW | | BPSK SPREAD SPECTRUM DATA (NAVIGATION) |
| 6424.0000 - 6454.0000 MHz | NON | 59.50 dBW | | UNMODULATED AFC PILOT |
| 6424.0000 - 6454.0000 MHz | 34K0F3E | 59.50 dBW | | FM TELEPHONY COMPANDED AND UNCOMPANDED |
| 6424.0000 - 6454.0000 MHz | 2K40G7D- | 48.60 dBW | | BPSK, DATA/TDM |
| 6424.0000 - 6454.0000 MHz | 132KG7D | 59.50 dBW | | BPSK, DATA/TDM |
| 6424.0000 - 6454.0000 MHz | 2K40G1D- | 48.60 dBW | | BPSK, DATA |
| 6424.0000 - 6454.0000 MHz | 2M20G1D | 71.70 dBW | | BPSK, DATA |
| 6424.0000 - 6454.0000 MHz | 5K60G1W- | 52.30 dBW | | QPSK, DATA/FAX |
| 6424.0000 - 6454.0000 MHz | 24K0G1W | 58.60 dBW | | QPSK, DATA/FAX |
| 6424.0000 - 6454.0000 MHz | 5K60G1E- | 52.30 dBW | | QPSK, TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 24K0G1E | 58.60 dBW | | QPSK, TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 40K0G1W | 60.80 dBW | | 16QAM DIGITAL TELEPHONY |
| 6424.0000 - 6454.0000 MHz | 400KG1F | 59.50 dBW | | QPSK, DIGITAL VIDEO/DATA |
| 6424.0000 - 6454.0000 MHz | 27K0F3W | 59.50 dBW | | FM9 ANALOG BROADCAST CARRIER |
| 5927.0000 - 5927.0000 MHz | NON | 50.80 dBW | | TT&C RANGING CARRIER |
| 3947.0000 - 3953.0000 MHz | 131KG2D | | | PCM/PSK/BI-PHASE TRACKING BEACON |

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|---------------------------|-------------|-------------|--|--|
| 3700.0000 - 4200.0000 MHz | 36M0F8W | | | TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |
| 3600.0000 - 3629.0000 MHz | NON | | | UNMODULATED AFC PILOT |
| 3600.0000 - 3629.0000 MHz | 34K0F3E | | | FM TELEPHONY COMPANDED ANAD UNCOMPANDED |
| 3600.0000 - 3629.0000 MHz | 2K40G7D- | | | BPSK, DATA/TDM |
| 3600.0000 - 3629.0000 MHz | 132KG7D | | | BPSK, DATA/TDM |
| 3600.0000 - 3629.0000 MHz | 2K40G1D- | | | BPSK, DATA |
| 3600.0000 - 3629.0000 MHz | 2M20G1D | | | BPSK, DATA |
| 3600.0000 - 3629.0000 MHz | 5K60G1W- | | | QPSK, DATA/FAX |
| 3600.0000 - 3629.0000 MHz | 24K0G1W | | | QPSK, DATA/FAX |
| 3600.0000 - 3629.0000 MHz | 5K60G1E- | | | QPSK, TELEPHONY |
| 3600.0000 - 3629.0000 MHz | 24K0G1E | | | QPSK, TELEPHONY |
| 3600.0000 - 3629.0000 MHz | 40K0G1W | | | 16QAM DIGITAL TELEPHONY |
| 3600.0000 - 3629.0000 MHz | 400KG1F | | | QPSK, DIGITAL VIDEO/DATA |
| 3600.0000 - 3629.0000 MHz | 2M20G1D | | | BPSK SPREAD SPECTRUM DATA (NAVIGATION) |
| ANTENNA ID: 23A-C-TT&C | 10.4 meters | PHILCO FORD | | 104.M |
| 5925.0000 - 6425.0000 MHz | 36M0F8W | 86.50 dBW | | TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |
| ANTENNA ID: 23B-L-BAND | 1.8 meters | TRUE FOCUS | | 1.8M |
| 1626.5000 - 1660.5000 MHz | NON | 27.20 dBW | | UNMODULATED AFC PILOT (CLOSE LOOP) |
| 1574.4000 - 1576.6000 MHz | 2M20G1D | | | TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP |
| 1525.0000 - 1559.0000 MHz | NON | | | UNMODULATED AFC PILOT |
| 1525.0000 - 1559.0000 MHz | 34K0F3E | | | TEST FM TELEPHONY COMPANDED AND UNCOMPANDED |
| 1525.0000 - 1559.0000 MHz | 2K40G7D- | | | TEST BPSK, DATA/TDM |
| 1525.0000 - 1559.0000 MHz | 132KG7D | | | TEST BPSK, DATA/TDM |

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|-----------------------------|----------|-----------|--|
| 1525.0000 - 1559.0000 MHz | 2K40G1D- | | TEST BPSK, DATA |
| 1525.0000 - 1559.0000 MHz | 2M20G1D | | TEST BPSK, DATA |
| 1525.0000 - 1559.0000 MHz | 5K60G1W- | | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 24K0G1W | | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 5K60G1E- | | TEST QPSK, TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 24K0G1E | | TEST QPSK, TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 40K0G1W | | TEST 16QAM DIGITAL TELEPHONY |
| 1525.0000 - 1559.0000 MHz | 400KG1F | | TEST QPSK, DIGITAL VIDEO/DATA |
| 1525.0000 - 1559.0000 MHz | 2M20G1D | | TEST BPSK SPREAD SPECTRUM DATA - CLOSE LOOP |
| ANTENNA ID: SBY 30 | 9 meters | VERTEX | 9KPK |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 72.00 dBW | QPSK, DIGITAL TELEPHONY |
| 14000.0000 - 14500.0000 MHz | 72M0G7W | 88.55 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 42M0G7W | 86.31 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 36M0F8W | 80.14 dBW | ANALOG VIDEO |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 77.23 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 20M0G7W | 83.08 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 2M29G7W | 73.67 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 1M60G1F | 72.12 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 800KG1F | 69.11 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 400KG1F | 66.10 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 200KG1F | 63.08 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 100KG7W | 60.07 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 76K8G7W | 58.93 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 43K8G7W | 56.49 dBW | QPSK DIGITAL DATA |

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| 14000.0000 - 14500.0000 MHz | 45K0G7W | 56.61 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 32K0G7W | 55.13 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 9K00G7W | 49.62 dBW | QPSK DIGITAL DATA |
| 13780.0000 - 14500.0000 MHz | 10M0G7W | 80.10 dBW | DIGITAL VIDEO, AUDIO AND DATA |
| 13780.0000 - 14500.0000 MHz | 64K0G7W | 58.10 dBW | DIGITAL VIDEO, AUDIO AND DATA |
| 13750.0000 - 14000.0000 MHz | 36M0G7W | 74.50 dBW | QPSK, DIGITAL TELEPHONY |
| 13750.0000 - 13770.0000 MHz | 10M0G7W | 80.10 dBW | DIGITAL VIDEO, AUDIO AND DATA |
| 13750.0000 - 13770.0000 MHz | 64K0G7W | 58.10 dBW | DIGITAL VIDEO, AUDIO AND DATA |
| 11700.0000 - 12200.0000 MHz | 10M0G7W | | DIGITAL VIDEO, AUDIO AND DATA |
| 11700.0000 - 12200.0000 MHz | 64K0G7W | | DIGITAL VIDEO, AUDIO AND DATA |
| 11450.0000 - 11700.0000 MHz | 36M0G7W | | QPSK, DIGITAL TELEPHONY |
| 11450.0000 - 11700.0000 MHz | 72M0G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 42M0G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 36M0F8W | | ANALOG VIDEO |
| 11450.0000 - 11700.0000 MHz | 36M0G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 20M0G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 2M29G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 1M60G1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 800KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 400KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 200KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 100KG7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 76K8G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 43K8G7W | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 45K0G7W | | QPSK DIGITAL DATA |

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|-----------------------------|---------|----------|-----------|-------------------------------------|
| 11450.0000 - 11700.0000 MHz | 32K0G7W | | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 9K00G7W | | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 10M0G7W | | | DIGITAL VIDEO, AUDIO AND DATA |
| 11450.0000 - 11700.0000 MHz | 64K0G7W | | | DIGITAL VIDEO, AUDIO AND DATA |
| 10700.0000 - 12750.0000 MHz | 36M0G7W | | | QPSK, DIGITAL TELEPHONY |
| ANTENNA ID: | KU-BAND | 9 meters | VERTEX | 9KPK |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | | 72.00 dBW | QPSK, DIGITAL TELEPHONY |
| 11450.0000 - 11700.0000 MHz | 36M0G7W | | | QPSK, DIGITAL TELEPHONY |
| 14000.0000 - 14500.0000 MHz | 72M0G7W | | 88.55 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 42M0G7W | | 86.31 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 72M0G7W | | | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 42M0G7W | | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 36M0F8W | | 80.14 dBW | ANALOG VIDEO |
| 11450.0000 - 11700.0000 MHz | 36M0F8W | | | ANALOG VIDEO |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | | 77.23 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 36M0G7W | | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 20M0G7W | | 83.08 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 20M0G7W | | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 2M29G7W | | 73.67 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 2M29G7W | | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 1M60G1F | | 72.12 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 1M60G1F | | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 800KG1F | | 69.11 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 800KG1F | | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |

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|-----------------------------|---------|-----------|-------------------------------------|
| 11450.0000 - 11700.0000 MHz | 400KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 200KG1F | 63.08 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11450.0000 - 11700.0000 MHz | 200KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 100KG7W | 60.07 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 100KG7W | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 76K8G7W | 58.93 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 76K8G7W | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 43K8G7W | 56.49 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 43K8G7W | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 45K0G7W | 56.61 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 45K0G7W | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 32K0G7W | 55.13 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 32K0G7W | | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 9K00G7W | 49.62 dBW | QPSK DIGITAL DATA |
| 11450.0000 - 11700.0000 MHz | 9K00G7W | | QPSK DIGITAL DATA |
| 13750.0000 - 14500.0000 MHz | 36M0G7W | 88.55 dBW | QPSK, DIGITAL TELEPHONY |
| 11700.0000 - 12200.0000 MHz | 100KG7W | | |
| 11700.0000 - 12200.0000 MHz | 1M60G7W | | |
| 11700.0000 - 12200.0000 MHz | 200KG1F | | |
| 11700.0000 - 12200.0000 MHz | 20M0G7W | | |
| 11700.0000 - 12200.0000 MHz | 2M29G7W | | |
| 11700.0000 - 12200.0000 MHz | 32K0G7W | | |
| 11700.0000 - 12200.0000 MHz | 36M0G8W | | |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | | |
| 11700.0000 - 12200.0000 MHz | 400KG1F | | |

| | | | |
|-----------------------------|---------|-----------|-------------------------------------|
| 11700.0000 - 12200.0000 MHz | 42M0G7W | | |
| 11700.0000 - 12200.0000 MHz | 43K8G7W | | |
| 11700.0000 - 12200.0000 MHz | 45K0G7W | | |
| 11700.0000 - 12200.0000 MHz | 72M0G7W | | |
| 11700.0000 - 12200.0000 MHz | 76K8G7W | | |
| 11700.0000 - 12200.0000 MHz | 9K00G7W | | |
| 14000.0000 - 14500.0000 MHz | 36M0F8W | 80.14 dBW | ANALOG VIDEO |
| 14000.0000 - 14500.0000 MHz | 100KG7W | 60.07 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 20M0G7W | 83.08 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 2M29G7W | 73.67 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 32K0G7W | 55.13 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 85.64 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 42M0G7W | 86.31 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 43K8G7W | 56.49 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 45K0G7W | 56.61 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 72M0G7W | 88.55 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 76K8G7W | 58.93 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 9K00G7W | 49.62 dBW | QPSK DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 1M60G1F | 72.12 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 200KG1F | 63.08 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 400KG1F | 66.10 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 14000.0000 - 14500.0000 MHz | 800KG1F | 69.11 dBW | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |
| 11700.0000 - 12200.0000 MHz | 800KG1F | | PSK DIGITAL VIDEO W/ASSOC DIG AUDIO |

SITE ID: Ku-Band ESV Remotes
LOCATION: Operate Up to 400 (1.5 m remotes) U.S. and International waters

| ANTENNA ID: | SeaTel6006 | 1.5 meters | SEATEL | 6006 |
|-----------------------------|------------|------------|-----------|---|
| 10950.0000 - 11200.0000 MHz | | 1M43G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 10950.0000 - 11200.0000 MHz | | 2M35G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 10950.0000 - 11200.0000 MHz | | 44K8G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 10950.0000 - 11200.0000 MHz | | 717KG1W | | SCPC USING QPSK AND BPSK MODULATION |
| 10950.0000 - 11200.0000 MHz | | 89K6G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 11450.0000 - 12200.0000 MHz | | 1M43G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 11450.0000 - 12200.0000 MHz | | 2M35G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 11450.0000 - 12200.0000 MHz | | 44K8G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 11450.0000 - 12200.0000 MHz | | 717KG1W | | SCPC USING QPSK AND BPSK MODULATION |
| 11450.0000 - 12200.0000 MHz | | 89K6G1W | | SCPC USING QPSK AND BPSK MODULATION |
| 14000.0000 - 14500.0000 MHz | | 1M43G1W | 52.00 dBW | SCPC USING QPSK AND BPSK MODULATION |
| 14000.0000 - 14500.0000 MHz | | 2M35G1W | 52.00 dBW | SCPC USING QPSK AND BPSK MODULATION |
| 14000.0000 - 14500.0000 MHz | | 44K8G1W | 40.00 dBW | SCPC USING QPSK AND BPSK MODULATION |
| 14000.0000 - 14500.0000 MHz | | 717KG1W | 52.00 dBW | SCPC USING QPSK AND BPSK MODULATION |
| 14000.0000 - 14500.0000 MHz | | 89K6G1W | 43.00 dBW | SCPC USING QPSK AND BPSK MODULATION |
| 10950.0000 - 11200.0000 MHz | | 54M0G7W | | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 10950.0000 - 11200.0000 MHz | | 81K0G7W | | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 11450.0000 - 12200.0000 MHz | | 54M0G7W | | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |

| | | | |
|-----------------------------|---------|-----------|---|
| 11450.0000 - 12200.0000 MHz | 81K0G7W | | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 151KG7W | 45.30 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 194KG7W | 46.40 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 291KG7W | 48.10 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 388KG7W | 49.10 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 445KG7W | 49.10 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 452KG7W | 49.10 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 81K0G7W | 42.50 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |
| 14000.0000 - 14500.0000 MHz | 97K0G7W | 43.40 dBW | SCPC AND TDM/TDMA USING QPSK AND BPSK MODULATIONS |

SITE ID: SOUTHBURY-KU
LOCATION: 2120 RIVER ROAD, NEW HAVEN, SOUTHBURY, CT
41 ° 27 ' 5.00 " N LAT. 73 ° 17 ' 19.00 " W LONG.

SITE ID: C-band ESV Remotes
LOCATION: Operate up to 300 (2.4m Remotes) U.S. and International waters

ANTENNA ID: SeaTel9707 2.4 meters SEATEL 9707

| | | | |
|---------------------------|---------|-----------|--|
| 3700.0000 - 4200.0000 MHz | 179KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 179KG1W | 51.21 dBW | SCPC CARRIERS USING 16QAM, 8QAM, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 134KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 1M43G1W | | SCPC CARRIERS USING 16QAM, 8QAM, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 358KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, QPSK OR BPSK MODULATION |

| | | | |
|---------------------------|------------|-----------|---|
| 3700.0000 - 4200.0000 MHz | 44K8G1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 717KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 89K6G1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 134KG1W | 49.96 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 1M43G1W | 57.80 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 358KG1W | 54.22 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 717KG1W | 57.23 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 89K6G1W | 48.20 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 44K8G1W | 45.19 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| ANTENNA ID: SeaTel9797 | 2.4 meters | SEATEL | 9797 |
| 3700.0000 - 4200.0000 MHz | 179KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 179KG1W | 51.21 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 134KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 1M43G1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 358KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |

| | | | |
|---------------------------|---------|-----------|---|
| 3700.0000 - 4200.0000 MHz | 44K8G1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 717KG1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 3700.0000 - 4200.0000 MHz | 89K6G1W | | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 134KG1W | 49.96 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 1M43G1W | 58.80 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 358KG1W | 54.22 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 44K8G1W | 45.19 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 717KG1W | 57.23 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |
| 5925.0000 - 6425.0000 MHz | 89K6G1W | 48.20 dBW | SCPC CARRIERS USING 16QAM, 8QAM, 8QAM; PSK, QPSK OR BPSK MODULATION |

Points of Communication:

- C-band ESV Remotes - ALSAT - (ALSAT)
- C-band ESV Remotes - NSS-7 - (338.5 E.L.)
- Ku-Band ESV Remotes - ALSAT - (ALSAT)
- Ku-Band ESV Remotes - ESTRELA DO SUL 1 - (63 W.L.)
- SOUTHBURY - ALSAT - (ALSAT)
- SOUTHBURY - AMAZONAS 1 - (61 W.L.)
- SOUTHBURY - AMOS-2 - (4.0 W.L.)
- SOUTHBURY - ESTRELA DO SUL 1 - (63 W.L.)
- SOUTHBURY - INMARSAT 4F2 - (52.75)
- SOUTHBURY - INMARSAT Ltd-3 - (15.5 W.L.)
- SOUTHBURY - INMARSAT Ltd-3 - (54 W.L.)

SOUTHBURY - INMARSAT-2 AOR-WEST - (98 W.L.)

SOUTHBURY - MARISAT-F2 - (33.9 W.L.)

SOUTHBURY-KU - ALSAT - (ALSAT)

SOUTHBURY-KU - AMOS-2 - (4.0 W.L.)

SES-MOD-20080708-00898 E E940457 WAL-MART STORES, INC., A DELAWARE CORPORATION

Application for Modification

Class of Station: VSAT Network

Nature of Service: Fixed Satellite Service

"MOD" to change Points of Communications from Galaxy 10-R at 123 degrees to Galaxy 18 at 123 degrees W.L. for the Hubs and Remotes existing antenna(s), and some technical data on remote antenna(s).

SITE ID: HUB (SECONDARY)

LOCATION: 2001 BEAR HOLLOW ROAD 6.1M. SECONDARY HUB), MCDONALD, PINEVILLE, MO
36 ° 30 ' 6.00 " N LAT. 94 ° 13 ' 57.00 " W LONG.

| | | | | |
|-----------------------------|---------|------------|-----------|--------------------------------|
| ANTENNA ID: | HUB (2) | 6.1 meters | HARRIS | 5346 |
| 14000.0000 - 14500.0000 MHz | | 36M0F9F | 67.40 dBW | FM VIDEO WITH AUDIO SUB CRX |
| 14000.0000 - 14500.0000 MHz | | 12M0G7D | 77.30 dBW | QPSK, DATA, INROUTE, 10 MSPS |
| 14000.0000 - 14500.0000 MHz | | 24M0G7D | 80.30 dBW | QPSK, DATA, INROUTE, 20 MSPS |
| 14000.0000 - 14500.0000 MHz | | 36M0G7D | 82.10 dBW | QPSK, DATA, INROUTE, 30 MSPS |
| 14000.0000 - 14500.0000 MHz | | 6M00G7D | 74.30 dBW | QPSK, DATA, INROUTE, 5 MSPS |
| 11700.0000 - 12200.0000 MHz | | 200KG7D | | QPSK, DATA, INROUTE, 128 KSPS |
| 11700.0000 - 12200.0000 MHz | | 400KG7D | | QPSK, DATA, INROUTE, 256 KSPS |
| 11700.0000 - 12200.0000 MHz | | 800KG7D | | QPSK, DATA, INROUTE, 512 KSPS |
| 11700.0000 - 12200.0000 MHz | | 1M60G7D | | QPSK, DATA, INROUTE, 1024 KSPS |

SITE ID: HUB (PRIMARY)

LOCATION: 702 S.W. 8TH STREET (9.0M. PRIMARY HUB), BENTON, BENTONVILLE, AR
36 ° 21 ' 58.00 " N LAT. 94 ° 13 ' 8.00 " W LONG.

| | | | | |
|-----------------------------|---------|----------|-----------|------------------------------|
| ANTENNA ID: | HUB (1) | 9 meters | VERTEX | 5351 |
| 14000.0000 - 14500.0000 MHz | | 36M0F9F | 71.30 dBW | FM VIDEO WITH AUDIO SUB CRX |
| 14000.0000 - 14500.0000 MHz | | 12M0G7D | 81.20 dBW | QPSK, DATA, INROUTE, 10 MSPS |
| 14000.0000 - 14500.0000 MHz | | 24M0G7D | 84.20 dBW | QPSK, DATA, INROUTE, 20 MSPS |

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|-----------------------------|---------|-----------|--------------------------------|
| 14000.0000 - 14500.0000 MHz | 36M0G7D | 85.90 dBW | QPSK, DATA, INROUTE, 30 MSPS |
| 14000.0000 - 14500.0000 MHz | 6M00G7D | 78.20 dBW | QPSK, DATA, INROUTE, 5 MSPS |
| 11700.0000 - 12200.0000 MHz | 200KG7D | | QPSK, DATA, INROUTE, 128 KSPS |
| 11700.0000 - 12200.0000 MHz | 400KG7D | | QPSK, DATA, INROUTE, 256 KSPS |
| 11700.0000 - 12200.0000 MHz | 800KG7D | | QPSK, DATA, INROUTE, 512 KSPS |
| 11700.0000 - 12200.0000 MHz | 1M60G7D | | QPSK, DATA, INROUTE, 1024 KSPS |

SITE ID: VSAT 2
LOCATION: RAVEN 0.74M. VSAT, (2000 UNITS), CONUS, AK, HI, PR

| | | | |
|-----------------------------|-------------|-----------|--------------------------------|
| ANTENNA ID: .74M. RAVE | 0.74 meters | RAVEN | HNS-1035610 |
| 14000.0000 - 14500.0000 MHz | 200KG7D | 41.70 dBW | QPSK, DATA, INROUTE, 128 KSPS |
| 14000.0000 - 14500.0000 MHz | 400KG7D | 41.70 dBW | QPSK, DATA, INROUTE, 256 KSPS |
| 14000.0000 - 14500.0000 MHz | 800KG7D | 41.70 dBW | QPSK, DATA, INROUTE, 512 KSPS |
| 14000.0000 - 14500.0000 MHz | 1M60G7D | 41.70 dBW | QPSK, DATA, INROUTE, 1024 KSPS |
| 11700.0000 - 12200.0000 MHz | 36M0F9F | | FM VIDEO WITH AUDIO SUB CRX |
| 11700.0000 - 12200.0000 MHz | 6M00G7D | | QPSK, DATA, INROUTE, 5 MSPS |
| 11700.0000 - 12200.0000 MHz | 12M0G7D | | QPSK, DATA, INROUTE, 10 MSPS |
| 11700.0000 - 12200.0000 MHz | 24M0G7D | | QPSK, DATA, INROUTE, 20 MSPS |
| 11700.0000 - 12200.0000 MHz | 36M0G7D | | QPSK, DATA, INROUTE, 30 MSPS |

SITE ID: VSAT 3
LOCATION: PROD. 0.98M. VSAT, (10000 UNITS), CONUS, AK, HI, PR

| | | | |
|-----------------------------|-------------|-----------|--------------------------------|
| ANTENNA ID: .98M. PROD | 0.98 meters | PRODELIN | 9008668 |
| 14000.0000 - 14500.0000 MHz | 200KG7D | 44.30 dBW | QPSK, DATA, INROUTE, 128 KSPS |
| 14000.0000 - 14500.0000 MHz | 400KG7D | 44.30 dBW | QPSK, DATA, INROUTE, 256 KSPS |
| 14000.0000 - 14500.0000 MHz | 800KG7D | 44.30 dBW | QPSK, DATA, INROUTE, 512 KSPS |
| 14000.0000 - 14500.0000 MHz | 1M60G7D | 44.30 dBW | QPSK, DATA, INROUTE, 1024 KSPS |
| 11700.0000 - 12200.0000 MHz | 36M0F9F | | FM VIDEO WITH AUDIO SUB CRX |
| 11700.0000 - 12200.0000 MHz | 6M00G7D | | QPSK, DATA, INROUTE, 5 MSPS |

| | | |
|-----------------------------|---------|------------------------------|
| 11700.0000 - 12200.0000 MHz | 12M0G7D | QPSK, DATA, INROUTE, 10 MSPS |
| 11700.0000 - 12200.0000 MHz | 24M0G7D | QPSK, DATA, INROUTE, 20 MSPS |
| 11700.0000 - 12200.0000 MHz | 36M0G7D | QPSK, DATA, INROUTE, 30 MSPS |

SITE ID: VSAT 4
LOCATION: PROD. 1.2M. VSAT, (10000 UNITS), CONUS, AK, HI, PR

| | | | | |
|-----------------------------|------------|------------------------------|--------------------------------|------|
| ANTENNA ID: | 1.2M. PROD | 1.2 meters | PRODELIN | 1134 |
| 14000.0000 - 14500.0000 MHz | 200KG7D | 46.10 dBW | QPSK, DATA, INROUTE, 128 KSPS | |
| 14000.0000 - 14500.0000 MHz | 400KG7D | 46.10 dBW | QPSK, DATA, INROUTE, 256 KSPS | |
| 14000.0000 - 14500.0000 MHz | 800KG7D | 46.10 dBW | QPSK, DATA, INROUTE, 512 KSPS | |
| 14000.0000 - 14500.0000 MHz | 1M60G7D | 46.10 dBW | QPSK, DATA, INROUTE, 1024 KSPS | |
| 11700.0000 - 12200.0000 MHz | 36M0F9F | FM VIDEO WITH AUDIO SUB CRX | | |
| 11700.0000 - 12200.0000 MHz | 6M00G7D | QPSK, DATA, INROUTE, 5 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 12M0G7D | QPSK, DATA, INROUTE, 10 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 24M0G7D | QPSK, DATA, INROUTE, 20 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 36M0G7D | QPSK, DATA, INROUTE, 30 MSPS | | |

SITE ID: VSAT 5
LOCATION: PROD. 1.8M. VSAT, (1000 UNITS), CONUS, AK, HI, PR

| | | | | |
|-----------------------------|------------|------------------------------|--------------------------------|------|
| ANTENNA ID: | 1.8M. PROD | 1.8 meters | PRODELIN | 1184 |
| 14000.0000 - 14500.0000 MHz | 200KG7D | 49.70 dBW | QPSK, DATA, INROUTE, 128 KSPS | |
| 14000.0000 - 14500.0000 MHz | 400KG7D | 49.70 dBW | QPSK, DATA, INROUTE, 256 KSPS | |
| 14000.0000 - 14500.0000 MHz | 800KG7D | 49.70 dBW | QPSK, DATA, INROUTE, 512 KSPS | |
| 14000.0000 - 14500.0000 MHz | 1M60G7D | 49.70 dBW | QPSK, DATA, INROUTE, 1024 KSPS | |
| 11700.0000 - 12200.0000 MHz | 36M0F9F | FM VIDEO WITH AUDIO SUB CRX | | |
| 11700.0000 - 12200.0000 MHz | 6M00G7D | QPSK, DATA, INROUTE, 5 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 12M0G7D | QPSK, DATA, INROUTE, 10 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 24M0G7D | QPSK, DATA, INROUTE, 20 MSPS | | |
| 11700.0000 - 12200.0000 MHz | 36M0G7D | QPSK, DATA, INROUTE, 30 MSPS | | |

SITE ID: VSAT 6
LOCATION: PROD. 2.4M. VSAT, (1000 UNITS), CONUS, AK, HI, PR

| ANTENNA ID: | 2.4M. PROD | 2.4 meters | PRODELIN | 1244 |
|-----------------------------|------------|------------|-----------|--------------------------------|
| 14000.0000 - 14500.0000 MHz | | 200KG7D | 52.20 dBW | QPSK, DATA, INROUTE, 128 KSPS |
| 14000.0000 - 14500.0000 MHz | | 400KG7D | 52.20 dBW | QPSK, DATA, INROUTE, 256 KSPS |
| 14000.0000 - 14500.0000 MHz | | 800KG7D | 52.20 dBW | QPSK, DATA, INROUTE, 512 KSPS |
| 14000.0000 - 14500.0000 MHz | | 1M60G7D | 52.20 dBW | QPSK, DATA, INROUTE, 1024 KSPS |
| 11700.0000 - 12200.0000 MHz | | 36M0F9F | | FM VIDEO WITH AUDIO SUB CRX |
| 11700.0000 - 12200.0000 MHz | | 6M00G7D | | QPSK, DATA, INROUTE, 5 MSPS |
| 11700.0000 - 12200.0000 MHz | | 36M0G7D | | QPSK, DATA, INROUTE, 30 MSPS |
| 11700.0000 - 12200.0000 MHz | | 24M0G7D | | QPSK, DATA, INROUTE, 20 MSPS |
| 11700.0000 - 12200.0000 MHz | | 12M0G7D | | QPSK, DATA, INROUTE, 10 MSPS |

SITE ID: VSAT 1
LOCATION: PROD. 0.74M. VSAT, (5000 UNITS), CONUS, AK, HI, PR

| ANTENNA ID: | .74M.PROD | 0.74 meters | PRODELIN | HANT-91TR |
|-----------------------------|-----------|-------------|-----------|--------------------------------|
| 14000.0000 - 14500.0000 MHz | | 200KG7D | 42.00 dBW | QPSK, DATA, INROUTE, 128 KSPS |
| 14000.0000 - 14500.0000 MHz | | 400KG7D | 42.00 dBW | QPSK, DATA, INROUTE, 256 KSPS |
| 14000.0000 - 14500.0000 MHz | | 800KG7D | 42.00 dBW | QPSK, DATA, INROUTE, 512 KSPS |
| 14000.0000 - 14500.0000 MHz | | 1M60G7D | 42.00 dBW | QPSK, DATA, INROUTE, 1024 KSPS |
| 11700.0000 - 12200.0000 MHz | | 36M0F9F | | FM VIDEO WITH AUDIO SUB CRX |
| 11700.0000 - 12200.0000 MHz | | 6M00G7D | | QPSK, DATA, INROUTE, 5 MSPS |
| 11700.0000 - 12200.0000 MHz | | 12M0G7D | | QPSK, DATA, INROUTE, 10 MSPS |
| 11700.0000 - 12200.0000 MHz | | 24M0G7D | | QPSK, DATA, INROUTE, 20 MSPS |
| 11700.0000 - 12200.0000 MHz | | 36M0G7D | | QPSK, DATA, INROUTE, 30 MSPS |

Points of Communication:

HUB (PRIMARY) - ALSAT - (ALSAT)

HUB (PRIMARY) - GALAXY 18 - (123 W.L.)

HUB (SECONDARY) - ALSAT - (ALSAT)

HUB (SECONDARY) - GALAXY 18 - (123 W.L.)

VSAT 1 - GALAXY 18 - (123 W.L.)

VSAT 2 - GALAXY 18 - (123 W.L.)

VSAT 3 - GALAXY 18 - (123 W.L.)

VSAT 4 - ALSAT - (ALSAT)

VSAT 4 - GALAXY 18 - (123 W.L.)

VSAT 5 - ALSAT - (ALSAT)

VSAT 5 - GALAXY 18 - (123 W.L.)

VSAT 6 - ALSAT - (ALSAT)

VSAT 6 - GALAXY 18 - (123 W.L.)

SES-MOD-20080711-00925 E WD34 The Weather Channel, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

"MOD" to change from common carrier to non-common carrier.

SITE ID: 1

LOCATION: 4292 CUMBERLAND PARKWAY, COBBS, ATLANTA, GA
 33 ° 50 ' 59.40 " N LAT. 84 ° 28 ' 56.80 " W LONG.

| | | | | | |
|-------------|---------------------------|------------|--------------------|-----------|-----------------------------|
| ANTENNA ID: | 1 | 11 meters | HARRIS CORPORATION | 5260 | |
| | 5925.0000 - 6425.0000 MHz | | 36M0F8W | 82.00 dBW | ANALOG TELEVISION |
| | 5925.0000 - 6425.0000 MHz | | 36M0G7F | 82.00 dBW | DIGITAL TELEVISION AND DATA |
| | 3700.0000 - 4200.0000 MHz | | 36M0F8W | | |
| | 3700.0000 - 4200.0000 MHz | | 36M0G7F | | |
| ANTENNA ID: | 2 | 9 meters | VIASAT | 8009A | |
| | 5925.0000 - 6425.0000 MHz | | 36M0F8W | 82.00 dBW | ANALOG TELEVISION |
| | 5925.0000 - 6425.0000 MHz | | 36M0G7F | 82.00 dBW | DIGITAL TELEVISION AND DATA |
| | 3700.0000 - 4200.0000 MHz | | 36M0F8W | | |
| | 3700.0000 - 4200.0000 MHz | | 36M0G7F | | |
| ANTENNA ID: | 3 | 9.3 meters | VERTEX/RSI | 930CS | |

| | | | |
|---------------------------|---------|-----------|-----------------------------|
| 5925.0000 - 6425.0000 MHz | 36M0F8W | 82.00 dBW | ANALOG TELEVISION |
| 5925.0000 - 6425.0000 MHz | 36M0G7F | 82.00 dBW | DIGITAL TELEVISION AND DATA |
| 3700.0000 - 4200.0000 MHz | 36M0F8W | | |
| 3700.0000 - 4200.0000 MHz | 36M0G7F | | |

Points of Communication:

1 - ALSAT - (ALSAT)

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