



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-00475

Wednesday February 26, 2003

## 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-20030203-00154 P E030008 Hughes Network Systems, Inc.

Amendment

Class of Station: VSAT Network

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

This application amends and supersedes the pending application (FCC File No. SES-LIC-20021211-02201) for a blanket license for 50,000 0.74 meter transmit/receive terminals and 25,000 0.74 meter temporary-fixed transmit/receive terminals to operate in a mesh VSAT network and provide digital services. This amendment adds 25,000 0.98 meter transmit/receive terminals and 10,000 0.98 meter temporary-fixed transmit/receive terminals to operate within the same mesh VSAT network to provide digital services. All 0.74 meter and 0.98 meter terminals will communicate directly with each other and with other earth terminals, through the SPACEWAY satellite's on board processing and without using a hub. These terminals will be fully compliant with the Commission's Ka-band service rules of Section 25.138.

SITE ID: TR 74 CM

LOCATION: CONUS, AK, HI, PR, VI

|             |                       |             |                   |                                     |
|-------------|-----------------------|-------------|-------------------|-------------------------------------|
| ANTENNA ID: | TR 74                 | 0.74 meters | PRODELIN          | HNS1031929                          |
|             | 29.5000 - 30.0000 MHz |             | 650KG7W 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
|             | 19.7000 - 20.2000 MHz |             | 500MG7W           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

SITE ID: TF TR 74 CM

LOCATION: CONUS, AK, HI, PR, VI

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|             |                       |             |                   |                                     |
|-------------|-----------------------|-------------|-------------------|-------------------------------------|
| ANTENNA ID: | TF TR 74              | 0.74 meters | PRODELIN          | HNS1031929                          |
|             | 29.5000 - 30.0000 MHz |             | 650KG7W 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
|             | 19.7000 - 20.2000 MHz |             | 500MG7W           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

SITE ID: TR 98CM  
LOCATION: CONUS, AK, HI, PR, VI

|             |                       |             |                   |                                     |
|-------------|-----------------------|-------------|-------------------|-------------------------------------|
| ANTENNA ID: | TR 98                 | 0.98 meters | PRODELIN          | 3980-131                            |
|             | 29.5000 - 30.0000 MHz |             | 650KG7W 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
|             | 29.5000 - 30.0000 MHz |             | 2M61G7W 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
|             | 19.7000 - 20.2000 MHz |             | 500MG7W           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

SITE ID: TF TR 98CM  
LOCATION: CONUS, AK, HI, PR, VI

|             |                       |             |                   |                                     |
|-------------|-----------------------|-------------|-------------------|-------------------------------------|
| ANTENNA ID: | TF TR 98              | 0.98 meters | PRODELIN          | 3980-131                            |
|             | 29.5000 - 30.0000 MHz |             | 650KG7W 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
|             | 29.5000 - 30.0000 MHz |             | 2M61G7W 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
|             | 19.7000 - 20.2000 MHz |             | 500MG7W           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**Points of Communication:**

- TF TR 74 CM - ALSAT - (ALSAT)
- TF TR 98CM - SPACEWAY1 - (99.0 W.L.)
- TF TR 98CM - SPACEWAY2 - (101.0 W.L.)
- TR 74 CM - SPACEWAY1 - (99.0 W.L.)
- TR 74 CM - SPACEWAY2 - (101.0 W.L.)
- TR 98CM - SPACEWAY1 - (99.0 W.L.)
- TR 98CM - SPACEWAY2 - (101.0 W.L.)

Amendment

**Class of Station:** Fixed Earth Stations

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

This application amends and supersedes the pending application (FCC File No. SES-LIC-20021219-02185) for a transmit/receive earth station with one 3.5 meter antenna to be used as a network operations control center SPACEWAY system terminal. This amendment adds a transmit/receive earth station with one 1.8 meter colocated antenna to be used as a SPACEWAY payload interface function SPACEWAY system terminal. These earth stations will be fully compliant with the Commission's Ka-band service rules of Section 25.138.

**SITE ID:** TR 3.5M

**LOCATION:** 393 INVERNESS PARKWAY, DOUGLAS, ENGLEWOOD, CO

39 ° 33 ' 49.80 " N LAT.

104 ° 51 ' 54.50 " W LONG.

|                           |            |           |                                     |
|---------------------------|------------|-----------|-------------------------------------|
| <b>ANTENNA ID:</b> TR 3.5 | 3.5 meters | ANDREW    | ES35SRT-1                           |
| 29.5000 - 30.0000 MHz     | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz     | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz     | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz     | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**SITE ID:** TR 1.8M

**LOCATION:** 393 INVERNESS PARKWAY, DOUGLAS, ENGLEWOOD, CO

39 ° 33 ' 49.80 " N LAT.

104 ° 51 ' 54.50 " W LONG.

|                           |            |           |                                     |
|---------------------------|------------|-----------|-------------------------------------|
| <b>ANTENNA ID:</b> TR 1.8 | 1.8 meters | PRODELIN  | 3180-131                            |
| 29.5000 - 30.0000 MHz     | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz     | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz     | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz     | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**Points of Communication:**

TR 1.8M - SPACEWAY1 - (99.0 W.L.)

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TR 1.8M - SPACEWAY2 - (101.0 W.L.)

TR 3.5M - SPACEWAY1 - (99.0 W.L.)

TR 3.5M - SPACEWAY2 - (101.0 W.L.)

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**SES-AMD-20030203-00156** P E030007 Hughes Network Systems, Inc.

Amendment

**Class of Station:** VSAT Network

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

This application amends and supersedes the pending application (FCC File No. SES-LIC-20021213-02200) for a blanket license for 5,000 3.5 meter transmit/receive terminals to operate in a mesh VSAT network and provide digital services. This amendment adds 5,000 1.8 meter and 10,000 1.2 meter transmit/receive terminals to operate within the same mesh VSAT network to provide digital services. All 3.5 meter, 1.8 meter and 1.2 meter terminals will communicate directly with each other and with other earth terminals, through the SPACEWAY satellite's on board processing and without using a hub. These terminals will be fully compliant with the Commission's Ka-band service rules of Section 25.138.

**SITE ID:** TR 3.5M

**LOCATION:** CONUS, AK, HI, PR, VI

|                           |            |           |                                     |
|---------------------------|------------|-----------|-------------------------------------|
| <b>ANTENNA ID:</b> TR 3.5 | 3.5 meters | ANDREW    | ES35SRT-1                           |
| 29.5000 - 30.0000 MHz     | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz     | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz     | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz     | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**SITE ID:** TR 1.8M

**LOCATION:** CONUS, AK, HI, PR, VI

|                           |            |           |                                     |
|---------------------------|------------|-----------|-------------------------------------|
| <b>ANTENNA ID:</b> TR 1.8 | 1.8 meters | PRODELIN  | 3180-131                            |
| 29.5000 - 30.0000 MHz     | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz     | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 29.5000 - 30.0000 MHz     | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 19.7000 - 20.2000 MHz     | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

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SITE ID: TR 1.2M  
LOCATION: CONUS, AK, HI, PR, VI

|             |                       |            |                   |                                     |
|-------------|-----------------------|------------|-------------------|-------------------------------------|
| ANTENNA ID: | TR 1.2                | 1.2 meters | PRODELIN          | 3120-131                            |
|             | 29.5000 - 30.0000 MHz |            | 650KG7W 41.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
|             | 29.5000 - 30.0000 MHz |            | 2M61G7W 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
|             | 29.5000 - 30.0000 MHz |            | 500MG7W           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**Points of Communication:**

TR 1.2M - SPACEWAY1 - (99.0 W.L.)  
TR 1.2M - SPACEWAY2 - (101.0 W.L.)  
TR 1.8M - SPACEWAY1 - (99.0 W.L.)  
TR 1.8M - SPACEWAY2 - (101.0 W.L.)  
TR 3.5M - SPACEWAY1 - (99.0 W.L.)  
TR 3.5M - SPACEWAY2 - (101.0 W.L.)

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**SES-AMD-20030203-00158** P E030004 Hughes Network Systems, Inc.

Amendment

**Class of Station:** Fixed Earth Stations

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

This application amends and supersedes the pending application (FCC File No. SES-LIC-20021219-02183) for a transmit/receive earth station with one 3.5 meter antenna to be used as a network operations control center SPACEWAY system terminal. This amendment adds a transmit/receive earth station with one 1.8 meter relocated antenna to be used as a SPACEWAY payload interface function SPACEWAY system terminal. These earth stations will be fully compliant with the Commission's Ka-band service rules of Section 25.138.

SITE ID: TR 3.5  
LOCATION: ONE AEROJET WAY NORTH, CLARK, LAS VEGAS, NV

36 ° 14 ' 10.70 " N LAT. 115 ° 7 ' 0.10 " W LONG.

|             |                       |            |                   |                                   |
|-------------|-----------------------|------------|-------------------|-----------------------------------|
| ANTENNA ID: | TR 3.5                | 3.5 meters | ANDREW            | ES35SRT-1                         |
|             | 29.5000 - 30.0000 MHz |            | 650KG7W 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER   |
|             | 29.5000 - 30.0000 MHz |            | 2M61G7W 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER |

|                       |            |           |                                     |
|-----------------------|------------|-----------|-------------------------------------|
| 29.5000 - 30.0000 MHz | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |
| ANTENNA ID: TR 1.8    | 1.8 meters | PRODELIN  | 3180-130                            |
| 29.5000 - 30.0000 MHz | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

SITE ID: TR 1.8  
LOCATION: ONE AEROJET WAY NORTH, CLARK, LAS VEGAS, NV  
36 ° 14 ' 10.70 " N LAT. 115 ° 7 ' 0.10 " W LONG.

**Points of Communication:**

- TR 1.8 - SPACEWAY1 - (99.0 W.L.)
- TR 1.8 - SPACEWAY2 - (101.0 W.L.)
- TR 3.5 - SPACEWAY1 - (99.0 W.L.)
- TR 3.5 - SPACEWAY2 - (101.0 W.L.)

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**SES-AMD-20030203-00159** P E030005 Hughes Network Systems, Inc.

Amendment

**Class of Station:** Fixed Earth Stations

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

This application amends and supersedes the pending application (FCC File No. SES-LIC-20021219-02184) for a transmit/receive earth station with one 3.5 meter antenna to be used as a network operations control center SPACEWAY system terminal. This amendment adds a transmit/receive earth station with one 1.8 meter collocated antenna to be used as a SPACEWAY payload interface function SPACEWAY system terminal. These earth stations will be fully compliant with the Commission's Ka-band services rules of Section 25.138.

SITE ID: TR 3.5M  
LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 45.30 " N LAT. 77 ° 14 ' 52.10 " W LONG.

ANTENNA ID: TR 3.5 3.5 meters ANDREW ES35SRT-1

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|                       |         |           |                                     |
|-----------------------|---------|-----------|-------------------------------------|
| 29.5000 - 30.0000 MHz | 650KG7W | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz | 2M61G7W | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz | 20M9G7W | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz | 500MG7W |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

SITE ID: TR 1.8M  
LOCATION: 11717 EXPLORATION LANE, MONTGOMERY, GERMANTOWN, MD  
39 ° 10 ' 45.30 " N LAT. 77 ° 14 ' 52.10 " W LONG.

|                       |            |           |                                     |
|-----------------------|------------|-----------|-------------------------------------|
| ANTENNA ID: TR 1.8    | 1.8 meters | PRODELIN  | 3180-131                            |
| 29.5000 - 30.0000 MHz | 650KG7W    | 42.00 dBW | 512 KBPS, QPSK, DIGITAL CARRIER     |
| 29.5000 - 30.0000 MHz | 2M61G7W    | 48.00 dBW | 2.048 MBPS, QPSK, DIGITAL CARRIER   |
| 29.5000 - 30.0000 MHz | 20M9G7W    | 57.00 dBW | 16.348 MBPS, QPSK, DIGITAL CARRIER  |
| 19.7000 - 20.2000 MHz | 500MG7W    |           | 500 MHz WIDE, QPSK, DIGITAL CARRIER |

**Points of Communication:**

- TR 1.8M - SPACEWAY1 - (99.0 W.L.)
- TR 1.8M - SPACEWAY2 - (101.0 W.L.)
- TR 3.5M - SPACEWAY1 - (99.0 W.L.)
- TR 3.5M - SPACEWAY2 - (101.0 W.L.)

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**SES-ASG-20030213-00183** E E000001 PetroCom License Corporation  
Application for Consent to Assignment  
**Current Licensee:** Petrocom License Corporation  
**FROM:** PETROCOM LICENSE CORPORATION  
**TO:** Exxon Communications Company

No. of Station(s) listed: 1

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**SES-LIC-20030219-00205** E E030040 LORAL SPACECOM CORPORATION  
Application for Authority  
**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1305 Industrial Park Road, USA, Mt Jackson, VA

38 ° 34 ' 42.00 " N LAT.

78 ° 39 ' 25.00 " W LONG.

|                             |            |           |   |
|-----------------------------|------------|-----------|---|
| ANTENNA ID: 1               | 3.8 meters | PRODELIN  | 1383  |
| 14000.0000 - 14500.0000 MHz | 260KG7W    | 53.70 dBW | 256kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet   |
| 14000.0000 - 14500.0000 MHz | 1M04G7W    | 57.30 dBW | 1024kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet  |
| 14000.0000 - 14500.0000 MHz | 1M56G7W    | 61.50 dBW | 1536kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet  |
| 14000.0000 - 14500.0000 MHz | 4M15G7W    | 63.30 dBW | 4096 kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet |
| 11700.0000 - 12200.0000 MHz | 260KG7W    | 0.00 dBW  | 256kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet   |
| 11700.0000 - 12200.0000 MHz | 1M56G7W    | 0.00 dBW  | 1536 kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet |
| 11700.0000 - 12200.0000 MHz | 4M15G7W    | 0.00 dBW  | 4096 kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet |
| 11700.0000 - 12200.0000 MHz | 1M04G7W    | 0.00 dBW  | 1024kbps, QPSK, 3/4FEC, RS:<br>112/126, data, voice, fac, Internet  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20030220-00211** E E030041 RCN License Subsidiary, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1600 Louisquisset Pike, Providence, Lincoln, RI

41 ° 53 ' 16.00 " N LAT.

71 ° 26 ' 52.00 " W LONG.

|                           |            |          |  |
|---------------------------|------------|----------|--|
| ANTENNA ID: 1             | 3.8 meters | Prodelin | 1383   |
| 3700.0000 - 4200.0000 MHz | 3M00G7W    | 0.00 dBW | Digital, QPSK, Various FEC, Various<br>Data Rates, Various Info. |



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|                           |         |           |   |
|---------------------------|---------|-----------|---|
| 6087.0000 - 6323.0000 MHz | 3M00G7W | 67.80 dBW | Digital, QPSK, Various FEC, Various Data Rates, Various Info. |
|---------------------------|---------|-----------|---|

|                           |         |           |   |
|---------------------------|---------|-----------|---|
| 6087.0000 - 6323.0000 MHz | 8M30G7W | 72.20 dBW | Digital, QPSK, Various FEC, Various Data Rates, Various Info. |
|---------------------------|---------|-----------|---|

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20030221-00217** E E030042 ALASCOM, INC

Application for Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1/2 MI ENGSTROM ROAD, PALMER, AK

61 ° 37 ' 10.10 " N LAT.

149 ° 15 ' 23.00 " W LONG.

ANTENNA ID: 1                      11.8 meters      RF SYSTEMS                      800-1-11.8A

|                           |         |
|---------------------------|---------|
| 3700.0000 - 4200.0000 MHz | 36M0F8W |
|---------------------------|---------|

|                           |         |
|---------------------------|---------|
| 3700.0000 - 4200.0000 MHz | 1M12G7W |
|---------------------------|---------|

|                           |         |           |      |
|---------------------------|---------|-----------|------|
| 5925.0000 - 6211.7000 MHz | 1M12G7W | 78.20 dBW | QPSK |
|---------------------------|---------|-----------|------|

|                           |         |           |      |
|---------------------------|---------|-----------|------|
| 6242.0000 - 6425.0000 MHz | 1M12G7W | 78.20 dBW | QPSK |
|---------------------------|---------|-----------|------|

|                           |         |           |      |
|---------------------------|---------|-----------|------|
| 5925.0000 - 6211.7000 MHz | 36M0F8W | 78.20 dBW | QPSK |
|---------------------------|---------|-----------|------|

|                           |         |           |      |
|---------------------------|---------|-----------|------|
| 6242.0000 - 6425.0000 MHz | 36M0F8W | 78.20 dBW | QPSK |
|---------------------------|---------|-----------|------|

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030131-00191** P E000206 American Broadcasting Companies, 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 and to increase EIRP and EIRP density.

SITE ID: 1

LOCATION: VARIOUS

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|                             |            |           |  |
|-----------------------------|------------|-----------|--|
| ANTENNA ID: 1               | 2.4 meters | VERTEX    | 2.4 LITE FLYAWAY                       |
| 14000.0000 - 14500.0000 MHz | 15M0G7W    | 64.12 dBW | PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA |
| 11700.0000 - 12200.0000 MHz | 15M0G7W    |           | PSK DIGITAL VIDEO W/DIGITAL AUDIO/DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20030213-00185** E E930182 GTECH Corp.

Application for Modification

**Class of Station:** VSAT Network

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

GTECH seeks authority to add remote units to this VSAT network and also to add a new emissions designator and power level to its Hub facilities in order to operate with the new remote units.

SITE ID: PTR 1.8

LOCATION: CONUS, HI, AK, PR, U.S.,VI

|                             |            |           |  |
|-----------------------------|------------|-----------|--|
| ANTENNA ID: PTR 1.8         | 1.8 meters | PRODELIN  | 1184   |
| 14000.0000 - 14500.0000 MHz | 200KG7W    | 46.80 dBW | OQPSK, 128 KSPS, RETURN DIGITAL CARRIER            |
| 11700.0000 - 12200.0000 MHz | 6M20G7W    |           | QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER |

SITE ID: PTR 98

LOCATION: CONUS, HI, AK, PR, U.S. VI

|                             |             |           |  |
|-----------------------------|-------------|-----------|--|
| ANTENNA ID: PTR .98         | 0.98 meters | PRODELIN  | 9008668  |
| 14000.0000 - 14500.0000 MHz | 200KG7W     | 41.50 dBW | OQPSK, 128 KSPS, RETURN DIGITAL CARRIER            |
| 11700.0000 - 12200.0000 MHz | 6M20G7W     |           | QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER |

SITE ID: PTR 74

LOCATION: CONUS, HI, AK, PR, U.S. VI

|                             |             |           |   |
|-----------------------------|-------------|-----------|---|
| ANTENNA ID: PTR .74         | 0.74 meters | PRODELIN  | HANT-91TR                               |
| 14000.0000 - 14500.0000 MHz | 200KG7W     | 39.20 dBW | OQPSK, 128 KSPS, RETURN DIGITAL CARRIER |

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|                             |         |  |  |
|-----------------------------|---------|--|--|
| 11700.0000 - 12200.0000 MHz | 6M20G7W |  | QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER |
|-----------------------------|---------|--|--|

SITE ID: PTR 1.2  
LOCATION: CONUS, HI, AK, PR, U.S. VI

|                     |            |          |      |
|---------------------|------------|----------|------|
| ANTENNA ID: PTR 1.2 | 1.2 meters | PRODELIN | 1123 |
|---------------------|------------|----------|------|

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 200KG7W | 43.20 dBW | OQPSK, 128 KSPS, RETURN DIGITAL CARRIER |
|-----------------------------|---------|-----------|---|

|                             |         |  |  |
|-----------------------------|---------|--|--|
| 11700.0000 - 12200.0000 MHz | 6M20G7W |  | QPSK, 5 MSPS, MULTIMEDIA BROADCAST DIGITAL CARRIER |
|-----------------------------|---------|--|--|

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

|                   |            |        |          |
|-------------------|------------|--------|----------|
| ANTENNA ID: ANT 1 | 4.6 meters | ANDREW | ES46MPJ1 |
|-------------------|------------|--------|----------|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 500KG7D | 54.00 dBW |  |
|-----------------------------|---------|-----------|--|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 500KG7D | 68.40 dBW |  |
|-----------------------------|---------|-----------|--|

|                             |         |  |  |
|-----------------------------|---------|--|--|
| 11700.0000 - 12200.0000 MHz | 30K0G7D |  |  |
|-----------------------------|---------|--|--|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 6M20G7W | 64.50 dBW | QPSK, 5 MSPS BROADCAST DIGITAL CARRIER |
|-----------------------------|---------|-----------|--|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11700.0000 - 12200.0000 MHz | 200KG7W |  | OQPSK, 128 KSPS, RETURN DIGITAL CARRIER |
|-----------------------------|---------|--|---|

|                             |        |           |   |
|-----------------------------|--------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 1M6G7W | 60.50 dBW | MSK (QPSK VARIANT) MULTIMEDIA BROADCAST DIGITAL CARRIER |
|-----------------------------|--------|-----------|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11700.0000 - 12200.0000 MHz | 120KG7W |  | MSK (QPSK VARIANT) RETURN DIGITAL CARRIER |
|-----------------------------|---------|--|---|

|                   |            |        |         |
|-------------------|------------|--------|---------|
| ANTENNA ID: ANT 2 | 7.6 meters | ANDREW | ES76KNH |
|-------------------|------------|--------|---------|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 500KG7D | 54.00 dBW |  |
|-----------------------------|---------|-----------|--|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 500KG7D | 68.40 dBW |  |
|-----------------------------|---------|-----------|--|

|                             |         |  |  |
|-----------------------------|---------|--|--|
| 11700.0000 - 12200.0000 MHz | 30K0G7D |  |  |
|-----------------------------|---------|--|--|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 6M20G7W | 64.50 dBW | QPSK, 5 MSPS BROADCAST DIGITAL CARRIER |
|-----------------------------|---------|-----------|--|

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 11700.0000 - 12200.0000 MHz | 200KG7W |           | OQPSK, 128 KSPS, RETURN<br>DIGITAL CARRIER                    |
| 14000.0000 - 14500.0000 MHz | 1M6G7W  | 60.50 dBW | MSK (QPSK VARIANT)<br>MULTIMEDIA BROADCAST<br>DIGITAL CARRIER |
| 11700.0000 - 12200.0000 MHz | 120KG7W |           | MSK (QPSK VARIANT) RETURN<br>DIGITAL CARRIER                  |

SITE ID: CTR 96  
LOCATION: CONUS, AK, HI, PR, U.S., VI

ANTENNA ID: CTR96      0.96 meters      CHANNEL MASTER      960

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 120KG7W | 41.20 dBW | MSK (QPSK VARIANT)<br>MULTIMEDIA BROADCAST<br>DIGITAL CARRIER |
| 11700.0000 - 12200.0000 MHz | 1M60G7W |           | BPSK RETURN DIGITAL CARRIER                                   |

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

ANTENNA ID: CTR 75      0.75 meters      CHANNEL MASTER      75E

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 120KG7W | 38.80 dBW | MSK (QPSK VARIANT)<br>MULTIMEDIA BROADCAST<br>DIGITAL CARRIER |
| 11700.0000 - 12200.0000 MHz | 1M60G7W |           | BPSK RETURN DIGITAL CARRIER                                   |

**Points of Communication:**

- CTR 75 - ALSAT - (ALSAT)
- CTR 75 - AMC-4 (formerly GE-4 - (101 W.L.))
- CTR 96 - ALSAT - (ALSAT)
- CTR 96 - AMC-4 (formerly GE-4 - (101 W.L.))
- HUB - ALSAT - (ALSAT)
- HUB - AMC-4 (formerly GE-4 - (101 W.L.))
- PTR 1.2 - ALSAT - (ALSAT)
- PTR 1.2 - AMC-4 (formerly GE-4 - (101 W.L.))
- PTR 1.8 - ALSAT - (ALSAT)

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PTR 74 - ALSAT - (ALSAT)

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

PTR 98 - ALSAT - (ALSAT)

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

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**SES-MOD-20030213-00212** E E930182 GTECH Corp.

Application for Modification

**Class of Station:** VSAT Network

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

Second modification, GTECH seeks authority to add new remote units to this VSAT network and add a new emission designator and power level to the Hub facilities in order to operate with the new remote units.

**SITE ID:** HUB

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

41 ° 39 ' 23.00 " N LAT.

71 ° 34 ' 16.00 " W LONG.

**ANTENNA ID:** ANT 1                      4.6 meters                      ANDREW CORP.                      ESA46-124

14000.0000 - 14500.0000 MHz                      500KG7D                      54.00 dBW

14000.0000 - 14500.0000 MHz                      500KG7D                      68.40 dBW

11700.0000 - 12200.0000 MHz                      30K0G7D

**ANTENNA ID:** ANT 2                      7.6 meters                      ANDREW                      ES76-KNH1

14000.0000 - 14500.0000 MHz                      500KG7D                      54.00 dBW

14000.0000 - 14500.0000 MHz                      500KG7D                      68.40 dBW

11700.0000 - 12200.0000 MHz                      30K0G7D

**SITE ID:** CTR 96

**LOCATION:** CONUS, AK, HI, PR, U.S. VI

**SITE ID:** CTR 75

**LOCATION:** CONUS, AK, HI, PR, U.S., VI

**Points of Communication:**

CTR 75 - ALSAT - (ALSAT)

CTR 96 - ALSAT - (ALSAT)

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HUB - ALSAT - (ALSAT)

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**SES-T/C-20030220-00221** E E000727 ASTROLINK International LLC

Application for Consent to Transfer of Control

**Current Licensee:** ASTROLINK International LLC

**FROM:** Pre-Redemption Members of Astrolink c/o Astrolink

**TO:** Post-Redemption Members of Astrolink

No. of Station(s) listed: 1

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