



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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WASHINGTON D.C. 20554

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Report No. SES-01340

Wednesday April 20, 2011

## SATELLITE COMMUNICATIONS SERVICES INFORMATION

### RE: ACTIONS TAKEN

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

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SES-AMD-20110120-00043 E E100192 SkyWave Mobile Communications, Corp.  
Amendment  
Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

"AMD" to SES-LIC-20101229-01640, filed a waiver to US308 and US315, relating to shut down time to 1.1 seconds for the proposed METs.

SITE ID: Various Mobile Units  
LOCATION: 100,000 Inmarsat half-duplex METs in US

|             |   |                           |                                     |                                 |
|-------------|---|---------------------------|-------------------------------------|---------------------------------|
| ANTENNA ID: | 1 | 0.1 meters                | Skywave Mobile Communications, Inc. | CMS-TRP                         |
|             |   |                           |                                     |                                 |
|             |   | 1626.5000 - 1660.5000 MHz | 30K0G1D                             | 7.00 dBW Tx, OQPSK Data Service |
|             |   | 1525.0000 - 1559.0000 MHz | 5K00G1D                             | 0.00 dBW Rx, OQPSK Data Service |
| ANTENNA ID: | 2 | 0.1 meters                | Skywave Mobile                      | CMS-TRH                         |
|             |   |                           |                                     |                                 |
|             |   | 1626.5000 - 1660.5000 MHz | 30K0G1D                             | 4.90 dBW Tx OQPSK Data Service  |
|             |   | 1525.0000 - 1559.0000 MHz | 5K00G1D                             | 0.00 dBW Rx OQPSK Data Service  |

**Points of Communication:**

Various Mobile Units - ISAT List -

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SES-AMD-20110415-00461 E E100192 SkyWave Mobile Communications, Corp.  
Amendment  
Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Mobile Earth Station

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**Nature of Service:** Mobile Satellite Service

"AMD" to SES-LIC-20101229-01640, to change frequencies to clarify that SKyWave is not requesting authority to operate in the 1544-1545 MHz and 1645.5-1646.5 MHz bands.

SITE ID: 1  
LOCATION: 100,000 Inmarsat half-duplex METs in US

|             |                           |            |                                     |                        |
|-------------|---------------------------|------------|-------------------------------------|------------------------|
| ANTENNA ID: | 1                         | 0.1 meters | Skywave Mobile Communications, Inc. | CMS-TRP                |
|             | 1626.5000 - 1645.5000 MHz | 30K0G1D    | 7.00 dBW                            | Tx, OQPSK Data Service |
|             | 1525.0000 - 1544.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1545.0000 - 1559.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1646.5000 - 1660.5000 MHz | 30K0G1D    | 7.00 dBW                            | Tx, OQPSK Data Service |
| ANTENNA ID: | 2                         | 0.1 meters | Skywave Mobile                      | CMS-TRH                |
|             | 1626.5000 - 1645.5000 MHz | 30K0G1D    | 4.90 dBW                            | Tx, OQPSK Data Service |
|             | 1525.0000 - 1544.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1545.0000 - 1559.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1646.5000 - 1660.5000 MHz | 30K0G1D    | 4.90 dBW                            | Tx, OQPSK Data Service |

**Points of Communication:**

1 - ISAT List -

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**SES-ASG-20100226-00266** E E010279 Global Broadcast Network, Inc.  
Application for Consent to Assignment  
Withdrawn Date Effective: 04/14/2011

**Current Licensee:** EQUITY BROADCASTING CORPORATION  
**FROM:** EQUITY BROADCASTING CORPORATION  
**TO:** Global Broadcast Network, Inc.

No. of Station(s) listed: 4

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**SES-LIC-20101229-01640** E E100192 SkyWave Mobile Communications, Corp.  
Application for Authority 04/19/2011 - 04/19/2026  
Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

"AMD" SES-AMD-20110415-00461 was filed to change frequencies to clarify that SkyWave is not requesting authority to operate in the 1544-1545 MHz and 1645.5-1646.5 MHz bands.

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SITE ID: 1  
LOCATION: 100,000 Inmarsat half-duplex METs in US

|             |                           |            |                                     |                        |
|-------------|---------------------------|------------|-------------------------------------|------------------------|
| ANTENNA ID: | 1                         | 0.1 meters | Skywave Mobile Communications, Inc. | CMS-TRP                |
|             | 1525.0000 - 1544.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1626.5000 - 1645.5000 MHz | 30K0G1D    | 7.00 dBW                            | Tx, OQPSK Data Service |
|             | 1646.5000 - 1660.5000 MHz | 30K0G1D    | 7.00 dBW                            | Tx, OQPSK Data Service |
|             | 1545.0000 - 1559.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
| ANTENNA ID: | 2                         | 0.1 meters | Skywave Mobile                      | CMS-TRH                |
|             | 1525.0000 - 1544.0000 MHz | 5K00G1D    | 0.00 dBW                            | Rx, OQPSK Data Service |
|             | 1626.5000 - 1645.5000 MHz | 30K0G1D    | 4.90 dBW                            | Tx, OQPSK Data Service |
|             | 1646.5000 - 1660.5000 MHz | 30K0G1D    | 4.90 dBW                            | Tx, OQPSK Data Service |
|             | 1545.0000 - 1559.0000 MHz | 5K00G1D    |                                     | Rx, OQPSK Data Service |

**Points of Communication:**

1 - ISAT List -

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|                               |           |                 |                            |
|-------------------------------|-----------|-----------------|----------------------------|
| <b>SES-LIC-20110304-00243</b> | E E110028 | RAM COMM UPLINK | <b>EZ</b>                  |
| Application for Authority     |           |                 | 04/13/2011 - 04/13/2026    |
| Grant of Authority            |           |                 | Date Effective: 04/13/2011 |

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1.2M., TRANSPORTABLE

|             |                             |            |                  |  |
|-------------|-----------------------------|------------|------------------|--|
| ANTENNA ID: | 1.2M.                       | 1.2 meters | AVL TECHNOLOGIES | 1.2M.  |
|             | 14000.0000 - 14500.0000 MHz | 36M0G7W    | 63.10 dBW        | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION |
|             | 14000.0000 - 14500.0000 MHz | 51K2G7W    | 40.17 dBW        | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20110307-00246**    E E110029    Local TV Pennsylvania License, LLC    04/18/2011 - 04/18/2026  
Application for Authority  
Grant of Authority    Date Effective:    04/18/2011

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

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1  
LOCATION:

|             |                             |            |         |           |                         |
|-------------|-----------------------------|------------|---------|-----------|-------------------------|
| ANTENNA ID: | 1                           | 1.2 meters | MotoSat | 1.2M      |                         |
|             | 14000.0000 - 14500.0000 MHz |            | 2M00G7W | 56.00 dBW | Digital Video and Audio |
|             | 14000.0000 - 14500.0000 MHz |            | 36M0G7W | 64.00 dBW | Digital Video and Audio |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20110308-00249**    E E110030    Brigham Young University    04/13/2011 - 04/13/2026    **EZ**  
Application for Authority  
Grant of Authority    Date Effective:    04/13/2011

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

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1  
LOCATION:    BYUSNG1, VARIOUS

|             |                             |             |                       |                |   |
|-------------|-----------------------------|-------------|-----------------------|----------------|---|
| ANTENNA ID: | B1.5M.                      | 1.59 meters | ADVENT COMMUNICATIONS | FILY DRIVE 150 |   |
|             | 14000.0000 - 14500.0000 MHz |             | 4M00G7F               | 60.38 dBW      | 8PSK, DIGITAL VIDEO WITH ASSOC. DIGITAL AUDIO |
|             | 11700.0000 - 12200.0000 MHz |             | 4M00G7F               |                | 8PSK, DIGITAL VIDEO WITH ASSOC. DIGITAL AUDIO |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-LIC-20110310-00284**    E E110031    THE BOEING COMPANY    04/18/2011 - 04/18/2026  
Application for Authority  
Grant of Authority    Date Effective:    04/18/2011

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

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1  
LOCATION:    Tactical ISR SIL, Building 3-31 Rte 291 and Stewart Avenue, Delaware, Ridley Park, PA

| ANTENNA ID: | 1 | 1.2 meters                  | Patriot | 1.2M Flyaway |                      |
|-------------|---|-----------------------------|---------|--------------|----------------------|
|             |   | 14000.0000 - 14500.0000 MHz | 10M0G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 128KG7D | 44.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 15M0G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 1M00G7D | 52.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 1M50G7D | 55.00 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 20M0G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 256KG7D | 47.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 25M0G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 2M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 30M0G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 32K0G7D | 38.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 3M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 4M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 512KG7D | 55.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 5M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 64K0G7D | 41.50 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 6M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 768KG7D | 51.00 dBW    | Digital Data Carrier |
|             |   | 14000.0000 - 14500.0000 MHz | 8M00G7D | 55.54 dBW    | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 10M0G7D | 0.00 dBW     | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 128KG7D | 0.00 dBW     | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 15M0G7D | 0.00 dBW     | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 1M00G7D | 0.00 dBW     | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 1M50G7D | 0.00 dBW     | Digital Data Carrier |
|             |   | 11700.0000 - 12200.0000 MHz | 20M0G7D | 0.00 dBW     | Digital Data Carrier |

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|                             |         |          |                      |
|-----------------------------|---------|----------|----------------------|
| 11700.0000 - 12200.0000 MHz | 256KG7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 25M0G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 2M00G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 30M0G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 32K0G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 3M00G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 4M00G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 512KG7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 5M00G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 64K0G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 768KG7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 8M00G7D | 0.00 dBW | Digital Data Carrier |
| 11700.0000 - 12200.0000 MHz | 6M00G7D | 0.00 dBW | Digital Data Carrier |

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - PERMITTED LIST - ()

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**SES-MOD-20101014-01388**    E E020288    Globecomm Systems, Inc.    12/10/2002 - 12/10/2017  
Application for Modification  
Grant of Authority    Date Effective:    04/14/2011

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1  
LOCATION:    9898 BREWERS COURT, HOWARD, LAUREL, MD  
39 ° 6 ' 47.00 " N LAT.    76 ° 49 ' 53.00 " W LONG.

ANTENNA ID:    Andrew 5.6    5.6 meters    ANDREW CORPORATION (GSM6)    ES56

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 1M23G7W | 68.00 dBW | DIGITAL QPSK, 3/4 FEC, VARIOUS<br>DATA RATES TO 1544 KBPS |
| 14000.0000 - 14500.0000 MHz | 51K2G7W | 54.17 dBW | DIGITAL QPSK, 3/4 FEC, VARIOUS<br>DATA RATES FROM 64 KBPS |
| 11700.0000 - 12200.0000 MHz | 1M23G7W |           | DIGITAL QPSK, 3/4 FEC, VARIOUS<br>DATA RATES TO 1544 KBPS |

|                             |            |              |  |   |
|-----------------------------|------------|--------------|--|---|
| 11700.0000 - 12200.0000 MHz | 51K2G7W    |              |  | DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS            |
| 14000.0000 - 14500.0000 MHz | 578KG7W    | 64.70 dBW    |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 82.60 dBW    |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 13750.0000 - 14500.0000 MHz | 36M0G7W    | 78.10 dBW    |  | DIGITAL COMPRESSED VIDEO  |
| 11450.0000 - 12200.0000 MHz | 578KG7W    |              |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 11450.0000 - 12200.0000 MHz | 36M0G7W    |              |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 10950.0000 - 11200.0000 MHz | 578KG7W    |              |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 10950.0000 - 11200.0000 MHz | 36M0G7W    |              |  | DIGITAL VIDEO, AUDIO, AND DATA                                    |
| 13750.0000 - 14000.0000 MHz | 615KG2D    | 60.50 dBW    |  | DIGITAL DATA  |
| 13750.0000 - 14000.0000 MHz | 578KG7D    | 60.20 dBW    |  | DIGITAL DATA  |
| 13750.0000 - 14000.0000 MHz | 3M00G2D    | 67.40 dBW    |  | DIGITAL DATA  |
| ANTENNA ID: Prodel 3.8      | 3.8 meters | PRODELIN     |  | 1383  |
| 14000.0000 - 14500.0000 MHz | 1M23G7W    | 64.10 dBW    |  | DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS            |
| 14000.0000 - 14500.0000 MHz | 51K2G7W    | 50.27 dBW    |  | DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS            |
| 11700.0000 - 12200.0000 MHz | 1M23G7W    |              |  | DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES TO 1544 KBPS            |
| 11700.0000 - 12200.0000 MHz | 51K2G7W    |              |  | DIGITAL QPSK, 3/4 FEC, VARIOUS DATA RATES FROM 64 KBPS            |
| ANTENNA ID: 7.6M. And       | 7.6 meters | ANDREW CORP. |  | ES76K-1   |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 81.73 dBW    |  | DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES |
| 14000.0000 - 14500.0000 MHz | 51K2G7W    | 53.26 dBW    |  | DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES |
| 11700.0000 - 12200.0000 MHz | 36M0G7W    |              |  | DIGITAL, VARIOUS MODULATION, VARIOUS FEC RATE, VARIOUS DATA RATES |

11700.0000 - 12200.0000 MHz

51K2G7W

DIGITAL, VARIOUS MODULATION,  
VARIOUS FEC RATE, VARIOUS  
DATA RATES

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - TELSTAR 11N - (37.55 W.L.)

**SES-MOD-20110126-00062** E E090001 KVH INDUSTRIES, INC.

Application for Modification

12/15/2009 - 12/15/2024

Grant of Authority

Date Effective: 04/13/2011

**Class of Station:** Earth Stations on-board Vessels/VSAT

**Nature of Service:** Earth Stations on-board Vessels

SITE ID: ESV NET1

LOCATION: (MOBILE 0.6METER), VARIOUS, 3500 UNITS

ANTENNA ID: ESV1 0.6 meters KVH INDUSTRIES, INC. TRACPHONE V7

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 36M0G7D | 42.40 dBW | DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES. |
|-----------------------------|---------|-----------|--|

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 18M0G7D | 42.40 dBW | DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES. |
|-----------------------------|---------|-----------|--|

|                             |         |           |   |
|-----------------------------|---------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 27M0G7D | 42.40 dBW | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|-----------|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11700.0000 - 12200.0000 MHz | 36M0G7D |  | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|--|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11700.0000 - 12200.0000 MHz | 27M0G7D |  | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|--|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11700.0000 - 12200.0000 MHz | 18M0G7D |  | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|--|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 11450.0000 - 11700.0000 MHz | 27M0G7D |  | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|--|---|

|                             |         |  |   |
|-----------------------------|---------|--|---|
| 10950.0000 - 11200.0000 MHz | 27M0G7D |  | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES |
|-----------------------------|---------|--|---|

SITE ID: ESV NET2

LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, CONUS, (1000 UNITS)



|             |                             |             |         |              |  |
|-------------|-----------------------------|-------------|---------|--------------|--|
| ANTENNA ID: | ESV2                        | 0.37 meters | KVH     | TRACPHONE V3 |  |
|             | 14000.0000 - 14500.0000 MHz |             | 36M0G7D | 38.02 dBW    | DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES. |
|             | 14000.0000 - 14500.0000 MHz |             | 27M0G7D | 42.40 dBW    | DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES. |
|             | 14000.0000 - 14500.0000 MHz |             | 18M0G7D | 38.02 dBW    | DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES. |
|             | 11700.0000 - 12200.0000 MHz |             | 27M0G7D |              | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES  |
|             | 11450.0000 - 11700.0000 MHz |             | 27M0G7D |              | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES  |
|             | 10950.0000 - 11200.0000 MHz |             | 27M0G7D |              | SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES  |
|             | 11700.0000 - 12200.0000 MHz |             | 36M0G7D |              | DATA SERVICES  |
|             | 11700.0000 - 12200.0000 MHz |             | 18M0G7D |              | DATA SERVICES  |

**Points of Communication:**

ESV NET1 - GE-23 - (172 E. L.)

ESV NET2 - ALSAT - (ALSAT)

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SES-MOD-20110222-00189    E E2208    Alascom, Inc.    06/26/2001 - 06/26/2011  
 Application for Modification  
 Grant of Authority    Date Effective:    04/13/2011

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1

LOCATION:    NSN TIKILUK ST., ATKASUK, AK  
 70 ° 28 ' 47.40 " N LAT.

157 ° 24 ' 56.90 " W LONG.

|             |   |            |                    |          |
|-------------|---|------------|--------------------|----------|
| ANTENNA ID: | 1 | 4.5 meters | ANDREW CORPORATION | ESA5-46A |
|-------------|---|------------|--------------------|----------|

|                           |         |           |                                  |
|---------------------------|---------|-----------|----------------------------------|
| 5925.0000 - 6425.0000 MHz | 57K0G7W | 54.70 dBW | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 13M9G7W | 60.80 dBW | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 29K0G1D | 51.70 dBW | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 57K0G7W |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G7W |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 29K0G1D |           | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G1D |           | VARIOUS PSK & QAM-DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G1D | 60.80 dBW | VARIOUS PSK & QAM-DATA           |

**Points of Communication:**

1 - ALSAT - (ALSAT)

SES-MOD-20110222-00190 E E2274 Alascom, Inc. 06/08/2001 - 06/08/2011  
 Application for Modification  
 Grant of Authority Date Effective: 04/13/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: AKHIOK, AKHIOK, AK  
 56 ° 56 ' 46.20 " N LAT.

154 ° 10 ' 1.40 " W LONG.

|                           |            |           |                                  |
|---------------------------|------------|-----------|----------------------------------|
| ANTENNA ID: 1             | 4.5 meters | ANDREW    | ESA45T                           |
| 5925.0000 - 6425.0000 MHz | 57K0G7W    | 54.40 dBW | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 13M9G7W    | 59.50 dBW | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 29K0G1D    | 51.40 dBW | VARIOUS PSK & QAM-DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G1D    | 59.50 dBW | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 57K0G7W    |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G7W    |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 29K0G1D    |           | VARIOUS PSK & QAM-DATA           |

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3700.0000 - 4200.0000 MHz

13M9G1D

VARIOUS PSK & QAM-DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20110222-00191** E E2237

Alascom, Inc.

Application for Modification

06/08/2001 - 06/08/2011

Grant of Authority

Date Effective: 04/13/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: HOLY CROSS, AK  
62 ° 12 ' 1.40 " N LAT.

159 ° 46 ' 12.90 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA5-46A

5925.0000 - 6425.0000 MHz 57K0G7W 54.70 dBW VARIOUS PSK & QAM-VOICE AND DATA

5925.0000 - 6425.0000 MHz 13M9G7W 59.80 dBW VARIOUS PSK & QAM-VOICE AND DATA

5925.0000 - 6425.0000 MHz 29K0G1D 51.70 dBW VARIOUS PSK & QAM-DATA

5925.0000 - 6425.0000 MHz 13M9G1D 59.80 dBW VARIOUS PSK & QAM-DATA

3700.0000 - 4200.0000 MHz 57K0G7W VARIOUS PSK & QAM-VOICE AND DATA

3700.0000 - 4200.0000 MHz 13M9G7W VARIOUS PSK & QAM-VOICE AND DATA

3700.0000 - 4200.0000 MHz 29K0G1D VARIOUS PSK & QAM-DATA

3700.0000 - 4200.0000 MHz 13M9G1D VARIOUS PSK & QAM-DATA

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MOD-20110308-00255** E E2306

Alascom, Inc.

Application for Modification

05/29/2001 - 05/29/2011

Grant of Authority

Date Effective: 04/18/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5TH & 6TH AVENUE, KALTAG, AK  
64 ° 19 ' 39.60 " N LAT.

158 ° 43 ' 24.90 " W LONG.

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|             |                           |            |         |           |                                    |
|-------------|---------------------------|------------|---------|-----------|------------------------------------|
| ANTENNA ID: | 1                         | 4.5 meters | ANDREW  | ESA45-001 |                                    |
|             | 5925.0000 - 6425.0000 MHz |            | 29K0G1D | 46.00 dBW | VARIOUS PSK & QAM - DATA           |
|             | 3700.0000 - 4200.0000 MHz |            | 29K0G1D |           | VARIOUS PSK & QAM - DATA           |
|             | 5925.0000 - 6425.0000 MHz |            | 13M9G1D | 59.50 dBW | VARIOUS PSK & QAM - DATA           |
|             | 5925.0000 - 6425.0000 MHz |            | 13M9G7W | 59.50 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
|             | 5925.0000 - 6425.0000 MHz |            | 57K0G7W | 49.00 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
|             | 3700.0000 - 4200.0000 MHz |            | 13M9G1D |           | VARIOUS PSK & QAM - DATA           |
|             | 3700.0000 - 4200.0000 MHz |            | 13M9G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |
|             | 3700.0000 - 4200.0000 MHz |            | 57K0G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-REG-20110302-00233 E E110027 SUREWEST KANSAS LICENSES, LLC  
 Registration 03/02/2011 - 03/02/2026  
 Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: 9669 LACKMAN ROAD, JOHNSON, LENEXA, KS  
 38 ° 57 ' 12.90 " N LAT. 94 ° 45 ' 34.20 " W LONG.

|             |                           |            |                          |                               |
|-------------|---------------------------|------------|--------------------------|-------------------------------|
| ANTENNA ID: | 4.5M.                     | 4.5 meters | SCIENTIFIC ATLANTA, INC. | 8345 4.5 METER                |
|             | 3700.0000 - 4200.0000 MHz |            | 36M0F8F                  | STANDARD ANALOG VIDEO         |
|             | 3700.0000 - 4200.0000 MHz |            | 36M0G7W                  | COMPRESSED DIGITAL VIDEO/HDTV |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20110407-00419 E KA288 SES Americom, Inc.  
 Renewal 07/05/2011 - 07/05/2026  
 Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 5990 SOLANO VERDE, VENTURA, SOMIS, CA  
34 ° 19 ' 31.00 " N LAT.

118 ° 59 ' 44.40 " W LONG.

|                             |   |            |           |                     |
|-----------------------------|---|------------|-----------|---------------------|
| ANTENNA ID:                 | 1 | 6.1 meters | VERTEX    | 6.1 KPK             |
| 14000.0000 - 14500.0000 MHz |   | 30M0F3F    | 85.20 dBW | Analog TV           |
| 14000.0000 - 14500.0000 MHz |   | NON        | 85.20 dBW | Unmodulated carrier |
| 13750.0000 - 14000.0000 MHz |   | 30M0F3F    | 71.00 dBW | ANALOG TV via GE-4  |
| 11700.0000 - 12200.0000 MHz |   | 30M0F3F    |           | Analog TV           |
| 11700.0000 - 12200.0000 MHz |   | NON        |           | Unmodulated carrier |
| 11450.0000 - 11700.0000 MHz |   | 30M0F3F    |           | ANALOG TV via GE-4  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

1 - GE-4 - (101 W.L.)

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**SES-RWL-20110408-00418** E E010105 NBC Telemundo License LLC

Renewal

06/08/2011 - 06/08/2026

Grant of Authority

Date Effective: 04/14/2011

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

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

SITE ID: 1

LOCATION: WNJU(TV), LINDEN, NEW JERSEY FIDNO. # 73333, CONUS

|                             |      |            |                      |   |
|-----------------------------|------|------------|----------------------|---|
| ANTENNA ID:                 | DSNG | 1.8 meters | VERTEX- (ELLIPTICAL) | 1.8 SMK-LT                                |
| 14000.0000 - 14500.0000 MHz |      | 20M9G7F    | 68.40 dBW            | 19 MBPS QPSK, RATE 1/2 FEC, DIGITAL VIDEO |
| 14000.0000 - 14500.0000 MHz |      | 15M7G7F    | 68.40 dBW            | 19 MBPS QPSK, RATE 2/3 FEC, DIGITAL VIDEO |
| 14000.0000 - 14500.0000 MHz |      | 13M9G7F    | 68.00 dBW            | 19 MBPS QPSK, RATE 3/4 FEC, DIGITAL VIDEO |
| 14000.0000 - 14500.0000 MHz |      | 12M5G7F    | 67.60 dBW            | 19 MBPS QPSK, RATE 5/6 FEC, DIGITAL VIDEO |
| 14000.0000 - 14500.0000 MHz |      | 11M9G7F    | 67.30 dBW            | 19 MBPS QPSK, RATE 7/8 FEC, DIGITAL VIDEO |

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 6M06G7F | 64.80 dBW | 6 MBPS QPSK, RATE 1/2 FEC,<br>DIGITAL VIDEO  |
| 14000.0000 - 14500.0000 MHz | 5M00G7F | 63.60 dBW | 6 MBPS QPSK, RATE 2/3 FEC,<br>DIGITAL VIDEO  |
| 14000.0000 - 14500.0000 MHz | 4M40G7F | 63.00 dBW | 6 MBPS QPSK, RATE 3/4 FEC,<br>DIGITAL VIDEO  |
| 14000.0000 - 14500.0000 MHz | 4M00G7F | 62.60 dBW | 6 MBPS QPSK, RATE 5/6 FEC,<br>DIGITAL VIDEO  |
| 14000.0000 - 14500.0000 MHz | 3M80G7F | 62.40 dBW | 6 MBPS QPSK, RATE 7/8 FEC,<br>DIGITAL VIDEO  |
| 11700.0000 - 12200.0000 MHz | 29M7G7W |           | 45 MBPS QPSK, RATE 5/6 FEC,<br>DIGITAL VIDEO |

**Points of Communication:**

1 - ALSAT - (ALSAT)

SES - RWL - 20110408 - 00420 E KA378 AT&T Corp.

Renewal

06/30/2011 - 06/30/2026

Grant of Authority

Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: RT. #1, BOX 1028, GREEN VALLEY ROAD, PRESTON, ETAM #2, WV

39 ° 16 ' 50.00 " N LAT.

79 ° 44 ' 13.00 " W LONG.

ANTENNA ID: ETAM #2 31.98 meters ENERGY SYSTEMS

|                           |         |           |             |
|---------------------------|---------|-----------|-------------|
| 5850.0000 - 6425.0000 MHz | 18M0G7W | 92.73 dBW | VIDEO       |
| 5850.0000 - 6425.0000 MHz | 72M0G7W | 98.75 dBW | TDMA (IMTS) |
| 5850.0000 - 6425.0000 MHz | 21M6F8W | 93.52 dBW | CFDM (IMTS) |
| 5850.0000 - 6425.0000 MHz | 36M0F8W | 95.74 dBW | FDMA (IMTS) |
| 5850.0000 - 6425.0000 MHz | 38K4G7W | 66.02 dBW | SCPC (IMTS) |
| 5850.0000 - 6425.0000 MHz | 1M24G7W | 80.00 dBW | IBS         |
| 5850.0000 - 6425.0000 MHz | 44K8G7W | 66.00 dBW | IBS         |
| 5850.0000 - 6425.0000 MHz | 205KG7W | 72.00 dBW | IBS         |
| 5850.0000 - 6425.0000 MHz | 1M64G7W | 81.00 dBW | IBS         |

|                           |          |           |   |
|---------------------------|----------|-----------|---|
| 5850.0000 - 6425.0000 MHz | 1M85G7W  | 81.50 dBW | IBS                                     |
| 5850.0000 - 6425.0000 MHz | 54K6G7W- | 67.55 dBW | IDR (IMTS)                              |
| 5850.0000 - 6425.0000 MHz | 6M84G7W  | 88.53 dBW | IDR (IMTS)                              |
| 3625.0000 - 4200.0000 MHz |          |           | VIDEO, TDMA, CFDA, FDMA, SCPC, IBS, IDR |

**Points of Communication:**

- 1 - INTELSAT 805 - (304.5 E.L.)
- 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.)

**SES-RWL-20110408-00421** E WA21 AT&T Corp. 06/30/2011 - 06/30/2026  
 Renewal Date Effective: 04/14/2011  
 Grant of Authority

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: RT. #1, BOX 1028, GREEN VALLEY ROAD, PRESTON, ETAM #1, WV  
 39 ° 16 ' 48.00 " N LAT. 79 ° 44 ' 14.00 " W LONG.

|             |                           |              |             |                     |
|-------------|---------------------------|--------------|-------------|---------------------|
| ANTENNA ID: | ETAM #1                   | 29.54 meters | PHILCO FORD | CORRECTED PARABOLIC |
|             | 5850.0000 - 6425.0000 MHz | 18M0G7W      | 92.73 dBW   | VIDEO               |
|             | 5850.0000 - 6425.0000 MHz | 72M0G7W      | 98.75 dBW   | TDMA                |

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|                           |          |           |  |
|---------------------------|----------|-----------|--|
| 5850.0000 - 6425.0000 MHz | 21M6F8W  | 93.52 dBW | CFDM                                       |
| 5850.0000 - 6425.0000 MHz | 36M0F8W  | 95.74 dBW | FDMA                                       |
| 5850.0000 - 6425.0000 MHz | 38K4G7W  | 66.02 dBW | SCPC                                       |
| 5850.0000 - 6425.0000 MHz | 6M84G7W  | 88.53 dBW | IDR  |
| 5850.0000 - 6425.0000 MHz | 1M24G7W  | 80.00 dBW | IBS  |
| 5850.0000 - 6425.0000 MHz | 44K8G7W  | 66.00 dBW | IBS  |
| 5850.0000 - 6425.0000 MHz | 205K6G7W | 72.00 dBW | IBS  |
| 5850.0000 - 6425.0000 MHz | 1M64G7W  | 81.00 dBW | IBS  |
| 5850.0000 - 6425.0000 MHz | 1M85G7W  | 81.50 dBW | IBS  |
| 3625.0000 - 4200.0000 MHz |          |           | VIDEO, TDMA, CFDM, FDMA, SCPC,<br>IDR, IBS |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - COL515 - (37.7 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 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 - TDRS-6 - (47.0 W.L.)

SES-RWL-20110408-00422 E E980493 AT&T Corp.

Renewal

05/29/2011 - 05/29/2026

Grant of Authority

Date Effective: 04/13/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: RD #3 BOX 49 (Roaring Creek #4), COLUMBIA, CATAWISSA, PA

40 ° 53 ' 39.00 " N LAT.

76 ° 26 ' 21.00 " W LONG.

| ANTENNA ID:               | 1 | 18.3 meters | VERTEX    | 18.3 KPC                 |
|---------------------------|---|-------------|-----------|--------------------------|
| 5925.0000 - 6425.0000 MHz |   | 36M0G7W     | 90.80 dBW | QPSK, DATA FEC 3/4, FDMA |
| 5925.0000 - 6425.0000 MHz |   | 1M85G7W     | 81.70 dBW | QPSK, DATA, FEC 1/2, IBS |
| 5925.0000 - 6425.0000 MHz |   | 1M54G7W     | 81.20 dBW | QPSK, DATA FEC 3/4, IDR  |
| 5925.0000 - 6425.0000 MHz |   | 1M24G7W     | 80.30 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5925.0000 - 6425.0000 MHz |   | 205KG7W     | 72.30 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5925.0000 - 6425.0000 MHz |   | 44K8G7W     | 65.90 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5850.0000 - 5925.0000 MHz |   | 205KG7W     | 72.30 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5850.0000 - 5925.0000 MHz |   | 1M24G7W     | 80.30 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5850.0000 - 5925.0000 MHz |   | 1M54G7W     | 81.20 dBW | QPSK, DATA FEC 3/4, IDR  |
| 5850.0000 - 5925.0000 MHz |   | 1M85G7W     | 81.70 dBW | QPSK, DATA FEC 3/4, IBS  |
| 5850.0000 - 5925.0000 MHz |   | 36M0G7W     | 90.80 dBW | QPSK, DATA FEC 3/4, FDMA |
| 5850.0000 - 5925.0000 MHz |   | 44K8G7W     | 65.90 dBW | QPSK, DATA FEC 3/4, IBS  |
| 3700.0000 - 4200.0000 MHz |   | 205KG7W     |           | QPSK, DATA FEC 3/4, IBS  |
| 3700.0000 - 4200.0000 MHz |   | 44K8G7W     |           | QPSK, DATA FEC 3/4, IBS  |
| 3700.0000 - 4200.0000 MHz |   | 1M24G7W     |           | QPSK, DATA FEC 3/4, IBS  |
| 3700.0000 - 4200.0000 MHz |   | 1M54G7W     |           | QPSK, DATA FEC 3/4, IDR  |
| 3700.0000 - 4200.0000 MHz |   | 1M85G7W     |           | QPSK, DATA FEC 3/4, IBS  |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7W     |           | QPSK, DATA FEC 3/4, FDMA |

|                           |         |                          |
|---------------------------|---------|--------------------------|
| 3625.0000 - 3700.0000 MHz | 36M0G7W | QPSK, DATA FEC 3/4, FDMA |
| 3625.0000 - 3700.0000 MHz | 1M85G7W | QPSK, DATA, FEC 1/2, IBS |
| 3625.0000 - 3700.0000 MHz | 1M54G7W | QPSK, DATA FEC 3/4, IDR  |
| 3625.0000 - 3700.0000 MHz | 1M24G7W | QPSK, DATA FEC 3/4, IBS  |
| 3625.0000 - 3700.0000 MHz | 205KG7W | QPSK, DATA FEC 3/4, IBS  |
| 3625.0000 - 3700.0000 MHz | 44K8G7W | QPSK, DATA FEC 3/4, IBS  |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - COL515 - (37.7 W.L.)
- 1 - INTELSAT AOR - (328.5 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-RWL-20110408-00423    E KA376    AT&T Corp.  
 Renewal    06/23/2011 - 06/23/2026  
 Grant of Authority    Date Effective: 04/13/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: ETAM #3, GREEN VALLEY ROAD, PRESTON, ROWLEWBURG, WV  
 39 ° 16 ' 52.10 " N LAT.    79 ° 44 ' 10.70 " W LONG.

|             |                             |             |           |        |
|-------------|-----------------------------|-------------|-----------|--------|
| ANTENNA ID: | ETAM#3                      | 18.9 meters | HARRIS    |        |
|             | 14000.0000 - 14500.0000 MHz | 36M0F8W     | 86.90 dBW | FDM/FM |
|             | 11700.0000 - 12200.0000 MHz | 36M0F8W     |           | FDM/FM |
|             | 11450.0000 - 11950.0000 MHz | 36M0F8W     |           | FDM/FM |
|             | 10950.0000 - 11200.0000 MHz | 36M0F8W     |           | FDM/FM |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)

- 1 - INTELSAT 805 - (304.5 E.L.)
- 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 - New Skies K - (338.5 E.L.)
- 1 - NSS-5 - (183 E.L.)
- 1 - PAS-1R - (45.0 W.L.)
- 1 - PAS-3R - (43.0 W.L.)
- 1 - TELSTAR 11 - (37.5 W.L.)

SES-RWL-20110413-00431 E E2273 Alascom, Inc.

Renewal

05/29/2011 - 05/29/2026

Grant of Authority

Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: NSN D STREET, ALLAKAKET, AK

66 ° 33 ' 53.00 " N LAT.

152 ° 38 ' 38.00 " W LONG.

|             |                           |            |           |                                    |
|-------------|---------------------------|------------|-----------|------------------------------------|
| ANTENNA ID: | 1                         | 4.5 meters | ANDREW    | ES45AP                             |
|             | 5925.0000 - 6425.0000 MHz | 13M9G1D    | 59.20 dBW | VARIOUS PSK & QAM - DATA           |
|             | 5925.0000 - 6425.0000 MHz | 29K0G1D    | 51.10 dBW | VARIOUS PSK & QAM - DATA           |
|             | 5925.0000 - 6425.0000 MHz | 13M9G7W    | 59.20 dBW | VARIOUS PSK & QAM - VOICE AND DATA |

|                           |         |           |                                    |
|---------------------------|---------|-----------|------------------------------------|
| 5925.0000 - 6425.0000 MHz | 57K0G7W | 54.10 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G1D |           | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 29K0G1D |           | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 57K0G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

SES - RWL - 20110413 - 00432 E E2266 Alascom, Inc.  
 Renewal 05/29/2011 - 05/29/2026  
 Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: NSN COFFE POT RD, STONEY RIVER, STONEY RIVER, AK  
 61 ° 47 ' 12.00 " N LAT. 156 ° 35 ' 8.00 " W LONG.

|                           |            |           |                                    |
|---------------------------|------------|-----------|------------------------------------|
| ANTENNA ID: 1             | 4.5 meters | ANDREW    | ESA45T                             |
| 5925.0000 - 6425.0000 MHz | 13M9G1D    | 59.70 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz | 29K0G1D    | 51.60 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G7W    | 59.70 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 57K0G7W    | 54.60 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 29K0G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 57K0G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES - RWL - 20110413 - 00433 E E2221 Alascom, Inc.  
Renewal 05/29/2011 - 05/29/2026  
Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: NSN MAIN STREET, NIKOLSKI, AK  
52 ° 56 ' 27.00 " N LAT.

168 ° 51 ' 27.00 " W LONG.

|                           |   |            |           |                                    |
|---------------------------|---|------------|-----------|------------------------------------|
| ANTENNA ID:               | 1 | 4.5 meters | ANDREW    | ESA45-39239                        |
| 5925.0000 - 6425.0000 MHz |   | 13M9G1D    | 59.50 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz |   | 29K0G1D    | 38.80 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz |   | 13M9G7W    | 59.50 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz |   | 57K0G7W    | 38.80 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz |   | 13M9G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz |   | 29K0G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz |   | 13M9G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz |   | 57K0G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES - RWL - 20110413 - 00434 E E2268 Alascom, Inc.  
Renewal 05/29/2011 - 05/29/2026  
Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: PELICAN SEAFOODS, PORT ALEXANDER, PORT ALEXANDER, AK  
56 ° 14 ' 45.00 " N LAT.

134 ° 38 ' 50.00 " W LONG.

|                           |   |            |           |                          |
|---------------------------|---|------------|-----------|--------------------------|
| ANTENNA ID:               | 1 | 4.5 meters | ANDREW    |                          |
| 5925.0000 - 6425.0000 MHz |   | 13M9G1D    | 56.70 dBW | VARIOUS PSK & QAM - DATA |
| 5925.0000 - 6425.0000 MHz |   | 29K0G1D    | 51.40 dBW | VARIOUS PSK & QAM - DATA |

|                           |         |           |                                    |
|---------------------------|---------|-----------|------------------------------------|
| 5925.0000 - 6425.0000 MHz | 13M9G7W | 56.70 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 57K0G7W | 54.40 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G1D |           | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 29K0G1D |           | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 57K0G7W |           | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

1 - ALSAT - (ALSAT)

SES-RWL-20110413-00435 E E2232 Alascom, Inc.  
 Renewal 05/29/2011 - 05/29/2026  
 Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
 LOCATION: NSN S. MAIN ST., NELSON LAGOON, AK  
 56 ° 0 ' 3.00 " N LAT. 161 ° 12 ' 4.00 " W LONG.

|                           |            |           |                                    |
|---------------------------|------------|-----------|------------------------------------|
| ANTENNA ID: 1             | 4.5 meters | ANDREW    | ESA45-39239                        |
| 5925.0000 - 6425.0000 MHz | 13M9G1D    | 59.50 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz | 29K0G1D    | 47.70 dBW | VARIOUS PSK & QAM - DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G7W    | 59.50 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 57K0G7W    | 50.70 dBW | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 29K0G1D    | 0.00 dBW  | VARIOUS PSK & QAM - DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 57K0G7W    | 0.00 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20110413-00436 E E2207 Alascom, Inc.  
Renewal 05/29/2011 - 05/29/2026  
Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: PEDRO BAY, AK  
59 ° 47 ' 2.70 " N LAT. 154 ° 6 ' 41.00 " W LONG.

|                           |         |            |                                    |             |
|---------------------------|---------|------------|------------------------------------|-------------|
| ANTENNA ID:               | 1       | 4.5 meters | ANDREW                             | ESA45-39239 |
| 5925.0000 - 6425.0000 MHz | 13M9G1D | 59.50 dBW  | VARIOUS PSK & QAM - DATA           |             |
| 5925.0000 - 6425.0000 MHz | 29K0G1D | 51.40 dBW  | VARIOUS PSK & QAM - DATA           |             |
| 5925.0000 - 6425.0000 MHz | 13M9G7W | 59.50 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |             |
| 5925.0000 - 6425.0000 MHz | 57K0G7W | 48.90 dBW  | VARIOUS PSK & QAM - VOICE AND DATA |             |
| 3700.0000 - 4200.0000 MHz | 13M9G1D | 0.00 dBW   | VARIOUS PSK & QAM - DATA           |             |
| 3700.0000 - 4200.0000 MHz | 29K0G1D | 0.00 dBW   | VARIOUS PSK & QAM - DATA           |             |
| 3700.0000 - 4200.0000 MHz | 13M9G7W | 0.00 dBW   | VARIOUS PSK & QAM - VOICE AND DATA |             |
| 3700.0000 - 4200.0000 MHz | 57K0G7W | 0.00 dBW   | VARIOUS PSK & QAM - VOICE AND DATA |             |

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20110413-00437 E E2260 Alascom, Inc.  
Renewal 05/29/2011 - 05/29/2026  
Grant of Authority Date Effective: 04/14/2011

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: NSN G STREET, LARSEN BAY, LARSEN BAY, AK  
57 ° 32 ' 15.00 " N LAT. 153 ° 58 ' 49.00 " W LONG.

|                           |         |            |                          |          |
|---------------------------|---------|------------|--------------------------|----------|
| ANTENNA ID:               | 1       | 4.5 meters | ANDREW                   | ESA45-46 |
| 5925.0000 - 6425.0000 MHz | 13M9G1D | 59.50 dBW  | VARIOUS PSK & QAM - DATA |          |





3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20110415-00452** E E010093 Americom Government Services, Inc.  
Renewal 06/08/2011 - 06/08/2026  
Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: Ft Belvoir 2.4 ES  
LOCATION: 2310 KINGMAN ROAD, FT. BELVOIR, VA  
38 ° 43 ' 30.00 " N LAT. 77 ° 8 ' 42.00 " W LONG.

ANTENNA ID: 1 2.4 meters VERTEX 2.4 DPVC/K  
14000.0000 - 14500.0000 MHz 1M08G7F 52.34 dBW Digital Video, Digital QPSK  
11700.0000 - 12200.0000 MHz 1M08G7F

**Points of Communication:**

Ft Belvoir 2.4 ES - ALSAT - (ALSAT)

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**SES-RWL-20110415-00453** E KG72 Americom Government Services, Inc.  
Renewal 06/30/2011 - 06/30/2026  
Grant of Authority Date Effective: 04/19/2011

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: LOS ANGELES, PASADENA, CA  
34 ° 12 ' 9.00 " N LAT. 118 ° 10 ' 30.00 " W LONG.

ANTENNA ID: 1 11 meters VERTEX 11 KPC  
6345.0000 - 6405.0000 MHz 60K0G1D 45.50 dBW  
5945.0000 - 6285.0000 MHz 60K0G1D 45.50 dBW  
5925.0000 - 6425.0000 MHz 36M0F1D 73.63 dBW  
5925.0000 - 6425.0000 MHz 36M0G7W 73.63 dBW  
5925.0000 - 6425.0000 MHz 100KF1D 36.90 dBW  
5925.0000 - 6425.0000 MHz 1M54F9W 55.00 dBW



|                             |         |           |                             |
|-----------------------------|---------|-----------|-----------------------------|
| 14000.0000 - 14500.0000 MHz | 1M40G7F | 52.34 dBW | Digital Video, Digital QPSK |
| 11700.0000 - 12200.0000 MHz | 1M40G7F |           |                             |

**Points of Communication:**

Ft Lewis 2.4 ES - ALSAT - (ALSAT)

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|                               |   |      |                                    |                            |
|-------------------------------|---|------|------------------------------------|----------------------------|
| <b>SES-RWL-20110415-00455</b> | E | KF40 | Americom Government Services, Inc. | 07/06/2011 - 07/06/2026    |
| Renewal                       |   |      |                                    | Date Effective: 04/19/2011 |
| Grant of Authority            |   |      |                                    |                            |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
 LOCATION: HARRIS, JOHNSON SPACE CENTER, TX  
 29 ° 33 ' 38.00 " N LAT. 95 ° 5 ' 10.00 " W LONG.

|                           |           |           |              |
|---------------------------|-----------|-----------|--------------|
| ANTENNA ID: 1             | 11 meters | RMS INC   | MODEL 615-02 |
| 6197.2000 - 6197.2000 MHz | 50F3      | 53.00 dBW |              |
| 6179.5000 - 6179.5000 MHz | 25000F9   | 67.00 dBW |              |
| 5925.0000 - 6425.0000 MHz | 36000F9   | 87.40 dBW |              |
| 5925.0000 - 6425.0000 MHz | 25000F9   | 83.00 dBW |              |
| 5925.0000 - 6425.0000 MHz | 6900F9Y   | 87.40 dBW |              |
| 5925.0000 - 6425.0000 MHz | 300F9Y    | 73.80 dBW |              |
| 5925.0000 - 6425.0000 MHz | 50F3      | 66.00 dBW |              |
| 3700.0000 - 4200.0000 MHz | 36000F9   |           |              |
| 3700.0000 - 4200.0000 MHz | 25000F9   |           |              |
| 3700.0000 - 4200.0000 MHz | 6900F9Y   |           |              |
| 3700.0000 - 4200.0000 MHz | 300F9Y    |           |              |
| 3700.0000 - 4200.0000 MHz | 50F3      |           |              |
| 3700.0000 - 4200.0000 MHz | 15000F9Y  |           |              |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES - RWL - 20110415 - 00456      E E2237      Alascom, Inc.  
Renewal      06/08/2011 - 06/08/2026  
Grant of Authority      Date Effective:      04/19/2011

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SITE ID:      1

LOCATION:      HOLY CROSS, AK  
62 ° 12 ' 1.40 " N LAT.

159 ° 46 ' 12.90 " W LONG.

|                           |            |                    |                                  |
|---------------------------|------------|--------------------|----------------------------------|
| ANTENNA ID:      1        | 4.5 meters | ANDREW CORPORATION | ESA5-46A                         |
| 5925.0000 - 6425.0000 MHz | 57K0G7W    | 54.70 dBW          | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 13M9G7W    | 59.80 dBW          | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 29K0G1D    | 51.70 dBW          | VARIOUS PSK & QAM-DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G1D    | 59.80 dBW          | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 57K0G7W    |                    | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G7W    |                    | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 29K0G1D    |                    | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G1D    |                    | VARIOUS PSK & QAM-DATA           |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES - RWL - 20110415 - 00457      E E2274      Alascom Inc./United Utilities, Inc.  
Renewal      06/08/2011 - 06/08/2026  
Grant of Authority      Date Effective:      04/19/2011

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SITE ID:      1

LOCATION:      AKHIOK, AKHIOK, AK  
56 ° 56 ' 46.20 " N LAT.

154 ° 10 ' 1.40 " W LONG.

|                           |            |           |                                  |
|---------------------------|------------|-----------|----------------------------------|
| ANTENNA ID:      1        | 4.5 meters | ANDREW    | ESA45T                           |
| 5925.0000 - 6425.0000 MHz | 57K0G7W    | 54.40 dBW | VARIOUS PSK & QAM-VOICE AND DATA |

|                           |         |           |                                  |
|---------------------------|---------|-----------|----------------------------------|
| 5925.0000 - 6425.0000 MHz | 13M9G7W | 59.50 dBW | VARIOUS PSK & QAM-VOICE AND DATA |
| 5925.0000 - 6425.0000 MHz | 29K0G1D | 51.40 dBW | VARIOUS PSK & QAM-DATA           |
| 5925.0000 - 6425.0000 MHz | 13M9G1D | 59.50 dBW | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 57K0G7W |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 13M9G7W |           | VARIOUS PSK & QAM-VOICE AND DATA |
| 3700.0000 - 4200.0000 MHz | 29K0G1D |           | VARIOUS PSK & QAM-DATA           |
| 3700.0000 - 4200.0000 MHz | 13M9G1D |           | VARIOUS PSK & QAM-DATA           |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20110415-00458    E E010119    Kent State University  
Renewal    07/03/2011 - 07/03/2026  
Grant of Authority    Date Effective:    04/19/2011

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    1613 E. SUMMIT STREET, PORTAGE, KENT, OH  
              41 ° 8 ' 25.00 " N LAT.                                81 ° 20 ' 1.10 " W LONG.

ANTENNA ID:    A                                2.4 meters                                PRODELIN                                1251

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 230KG7W | 52.80 dBW | DIGITAL DATA, 192 KPBS, 1/2 FEC, AUDIO |
| 11700.0000 - 12200.0000 MHz | 230KG7W |           | DIGITAL DATA, 192 KPBS, 1/2 FEC, AUDIO |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-STA-20110328-00370    E E980127    EchoStar Corporation  
Special Temporary Authority  
Grant of Authority    Date Effective:    04/18/2011

**Class of Station:**

"STA" granted with Conditions for a period of 60 days from April 15, 2011 to June 14, 2011 for EchoStar Corporation to operate its Ku-band transmit/receive earth station with EchoStar 8 at 77.0 W.L.

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**Points of Communication:**

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**SES-STA-20110328-00371**    E   E070015    EchoStar Corporation  
Special Temporary Authority  
Grant of Authority  
Date Effective:    04/18/2011

**Class of Station:**

"STA" is granted with conditions for a period of 60 days from April 15, 2011 to June 14, 2011 for EchoStar Corporation to operate its Ku-band transmit/receive earth station with EchoStar 8 at 77.0 W.L.

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**Points of Communication:**

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**SES-STA-20110412-00439**    E   E970199    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    04/18/2011

**Class of Station:**

Extension for Special temporary authority is GRANTED with conditions for a period of 60 days beginning April 18, 2011, and ending June 17, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00440**    E   E000342    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00441**    E   E000343    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00442**    E   E000344    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority  
Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00443**    E   E000345    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority

Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00444**    E   E030266    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority

Date Effective:    04/18/2011

**Class of Station:**

Extension for Special temporary authority is GRANTED with conditions for a period of 60 days beginning April 18, 2011, and ending June 17, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00445**    E   E050097    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority

Date Effective:    04/18/2011

**Class of Station:**

Extension for Special temporary authority is GRANTED with conditions for a period of 60 days beginning April 18, 2011, and ending June 17, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00446**    E   E050098    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority

Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00447**    E   E050099    GUSA LICENSEE LLC  
Special Temporary Authority  
Grant of Authority

Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SES-STA-20110412-00448**    E E050100    GUSA LICENSEE LLC

Special Temporary Authority

Grant of Authority

Date Effective:    04/19/2011

**Class of Station:**

Extension for Special Temporary Authority is hereby GRANTED With Conditions for a period of 60 days beginning April 24, 2011 and ending June 22, 2011.

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**Points of Communication:**

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**SURRENDER**

**SES-LIC-20040621-00852**    E040276    AMERICAN FAMILY INSURANCE GROUP

License has been surrendered per letter filed on April 15, 2011.

**SES-LIC-20040702-00952**    E040295    AMERICAN FAMILY INSURANCE GROUP

License has been surrendered per letter filed on April 15, 2011.

**SES-LIC-20040702-00953**    E040296    AMERICAN FAMILY INSURANCE GROUP

License has been surrendered per letter filed on April 15, 2011.

**SES-RWL-20100517-00608**    E2131    TIME WARNER ENTERTAINMENT - ADVANCE/NEWHOUSE PARTNERSHIP

License has been surrendered per letter filed on April 5, 2011.

**SES-RWL-20110314-00296**    WR39    TIME WARNER ENTERTAINMENT - ADVANCE/NEWHOUSE PARTNERSHIP

License has been surrendered per letter filed on April 5, 2011.

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