



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-01337

Wednesday April 13, 2011

## 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-LIC-20110211-00150 E E110015 ViaSat, Inc.

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Liberty, Meade, Summerset, SD

44 ° 11 ' 17.11 " N LAT.

103 ° 20 ' 11.70 " W LONG.

| ANTENNA ID: | 1                           | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
|-------------|-----------------------------|------------|--------------|--|
|             | 18300.0000 - 19300.0000 MHz | 20M0G7D    |              | PSK digital data for Internet to home services |
|             | 28100.0000 - 29100.0000 MHz | 416MG7D    | 83.00 dBW    | PSK digital data for Internet to home services |
|             | 29500.0000 - 30000.0000 MHz | 416MG7D    | 83.00 dBW    | PSK digital data for Internet to home services |
|             | 19700.0000 - 20200.0000 MHz | 20M0G7D    |              | PSK digital data for Internet to home services |
|             | 29500.0000 - 30000.0000 MHz | 52M1G7D    | 74.00 dBW    | PSK digital data for Internet to home services |
|             | 28100.0000 - 29100.0000 MHz | 52M1G7D    | 74.00 dBW    | PSK digital data for Internet to home services |

|                             |         |           |                     |
|-----------------------------|---------|-----------|---------------------|
| 29500.0000 - 29504.0000 MHz | 1M00F2D | 56.00 dBW | FM Command Carrier  |
| 29500.0000 - 29504.0000 MHz | 1M00G2D | 56.00 dBW | PSK Command Carrier |
| 29999.0000 - 30000.0000 MHz | 1K00N0N | 53.60 dBW | CW Autotrack beacon |

**Points of Communication:**

- 1 - AMC-15 - (105 W.L.)
- 1 - ANIK-F2 - (111.1 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - VIASAT-1 - (115.1W.L.)
- 1 - WILDBLUE 1 - (111.1 W.L.)

**SES-LIC-20110228-00212** E E110026 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** Geothermal Rd, Wayne, Milford, UT

38 ° 27 ' 43.80 " N LAT.

112 ° 59 ' 7.58 " W LONG.

**ANTENNA ID:** 1 7.3 meters ViaSat, Inc. VA-7.3-KA

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 18300.0000 - 19300.0000 MHz | 20M0G7D |           | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz | 416MG7D | 69.00 dBW | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz | 416MG7D | 69.00 dBW | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz | 20M0G7D |           | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |
| 29500.0000 - 29504.0000 MHz | 1M00F2D | 56.00 dBW | FM Command Carrier                             |
| 29500.0000 - 29504.0000 MHz | 1M00G2D | 56.00 dBW | PSK Command Carrier                            |
| 29999.0000 - 30000.0000 MHz | 1K00N0N | 53.60 dBW | CW Autotrack Beacon                            |

**Points of Communication:**

- 1 - AMC-15 - (105 W.L.)
- 1 - ANIK-F2 - (111.1 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - VIASAT-1 - (115.1W.L.)
- 1 - WILDBLUE 1 - (111.1 W.L.)

**SES-LIC-20110318-00318** E E110033 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 19770 Alameda Ave, El Paso, Tornillo, TX

31 ° 26 ' 29.16 " N LAT.

106 ° 5 ' 1.84 " W LONG.

|             |                             |            |              |  |
|-------------|-----------------------------|------------|--------------|--|
| ANTENNA ID: | 1                           | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
|             | 18300.0000 - 19300.0000 MHz | 20M0G7D    |              | PSK digital data for Internet to home services |
|             | 28100.0000 - 29100.0000 MHz | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
|             | 29500.0000 - 30000.0000 MHz | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
|             | 19700.0000 - 20200.0000 MHz | 20M0G7D    |              | PSK digital data for Internet to home services |
|             | 29500.0000 - 30000.0000 MHz | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |
|             | 28100.0000 - 29100.0000 MHz | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |

**Points of Communication:**

- 1 - AMC-15 - (105 W.L.)
- 1 - ANIK-F2 - (111.1 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - VIASAT-1 - (115.1W.L.)
- 1 - WILDBLUE 1 - (111.1 W.L.)

**SES-LIC-20110328-00373** E E110043 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 5320 Love Lane, Gallatin, Bozeman, MT  
45 ° 11 ' 33.39 " N LAT.

111 ° 8 ' 33.72 " W LONG.

|                             |   |            |              |  |
|-----------------------------|---|------------|--------------|--|
| ANTENNA ID:                 | 1 | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
| 18300.0000 - 19300.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |

**Points of Communication:**

1 - AMC-15 - (105 W.L.)

1 - ANIK-F2 - (111.1 W.L.)

1 - PERMITTED LIST - ()

1 - VIASAT-1 - (115.1W.L.)

1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-LIC-20110328-00374** E E110044 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 443 McGregor Ct., Ada, Boise, ID  
43 ° 33 ' 51.63 " N LAT.

116 ° 11 ' 8.47 " W LONG.

|                             |   |            |              |  |
|-----------------------------|---|------------|--------------|--|
| ANTENNA ID:                 | 1 | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
| 18300.0000 - 19300.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 29500.0000 - 30000.0000 MHz | 416MG7D | 69.00 dBW | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz | 20M0G7D |           | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |

**Points of Communication:**

- 1 - AMC-15 - (105 W.L.)
- 1 - ANIK-F2 - (111.1 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - VIASAT-1 - (115.1W.L.)
- 1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-LIC-20110328-00375**    E E110045    ViaSat, Inc.

Application for Authority

**Class of Station:**        Fixed Earth Stations

**Nature of Service:**     Fixed Satellite Service

**SITE ID:**                1

**LOCATION:**            228 Meadow Lane, Pershing, Lovelock, NV  
40 ° 10 ' 20.79 " N LAT.

118 ° 28 ' 49.11 " W LONG.

**ANTENNA ID:**        1                            7.3 meters            ViaSat, Inc.                            VA-7.3-KA

|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 18300.0000 - 19300.0000 MHz | 20M0G7D |           | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz | 416MG7D | 69.00 dBW | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz | 416MG7D | 69.00 dBW | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz | 20M0G7D |           | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz | 52M1G7D | 60.00 dBW | PSK digital data for Internet to home services |

**Points of Communication:**

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1 - AMC-15 - (105 W.L.)

1 - ANIK-F2 - (111.1 W.L.)

1 - PERMITTED LIST - ()

1 - VIASAT-1 - (115.1W.L.)

1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-LIC-20110328-00378** E E110047 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 211 Purple Sage Rd., Sweetwater, Green River, WY

41 ° 32 ' 11.69 " N LAT.

109 ° 21 ' 7.19 " W LONG.

|                             |   |            |              |  |
|-----------------------------|---|------------|--------------|--|
| ANTENNA ID:                 | 1 | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
| 18300.0000 - 19300.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |

**Points of Communication:**

1 - AMC-15 - (105 W.L.)

1 - ANIK-F2 - (111.1 W.L.)

1 - PERMITTED LIST - ()

1 - VIASAT-1 - (115.1W.L.)

1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-LIC-20110328-00379** E E110048 ViaSat, Inc.

Application for Authority

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 9471 S. Jamaica St., Arapahoe, Englewood, CO  
39 ° 32 ' 57.78 " N LAT.

104 ° 51 ' 52.08 " W LONG.

|                             |   |            |              |  |
|-----------------------------|---|------------|--------------|--|
| ANTENNA ID:                 | 1 | 7.3 meters | ViaSat, Inc. | VA-7.3-KA                                      |
| 18300.0000 - 19300.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 416MG7D    | 69.00 dBW    | PSK digital data for Internet to home services |
| 19700.0000 - 20200.0000 MHz |   | 20M0G7D    |              | PSK digital data for Internet to home services |
| 29500.0000 - 30000.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |
| 28100.0000 - 29100.0000 MHz |   | 52M1G7D    | 60.00 dBW    | PSK digital data for Internet to home services |

**Points of Communication:**

1 - AMC-15 - (105 W.L.)

1 - ANIK-F2 - (111.1 W.L.)

1 - PERMITTED LIST - ()

1 - VIASAT-1 - (115.1W.L.)

1 - WILDBLUE 1 - (111.1 W.L.)

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**SES-LIC-20110407-00404** E E110056 Brigham Young University **EZ**

Application for Authority

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: BYUCUL

LOCATION: 650 East University Parkway, USA, Provo, UT  
40 ° 15 ' 16.90 " N LAT.

111 ° 38 ' 52.30 " W LONG.

|                           |       |            |            |   |
|---------------------------|-------|------------|------------|---|
| ANTENNA ID:               | B4.5M | 4.5 meters | ASC Signal | ES45-1  |
| 6175.0000 - 6270.0000 MHz |       | 10M5G7W    | 61.70 dBW  | 8PSK, digital video with assoc. digital audio |

**Points of Communication:**

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BYUCUL - PERMITTED LIST - ()

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**SES-LIC-20110408-00408** E E110058 Production & Satellite Services, Inc.  
Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

|             |                           |            |                         |                                |
|-------------|---------------------------|------------|-------------------------|--------------------------------|
| ANTENNA ID: | 1                         | 5.5 meters | Comtech Antenna Systems | Offsat                         |
|             | 5925.0000 - 6425.0000 MHz | 54M0G7W    | 68.70 dBW               | Digital Compressed Information |
|             | 5925.0000 - 6425.0000 MHz | 500KG7W    | 54.90 dBW               | Digital Compressed Information |
|             | 3700.0000 - 4200.0000 MHz | 500KG7W    |                         | Digital Compressed Information |
|             | 3700.0000 - 4200.0000 MHz | 54M0G7W    |                         | Digital Compressed Information |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-LIC-20110408-00409** E E110057 Production & Satellite Services, Inc.  
Application for Authority

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

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4415 Wagon Trail Ave, Clark, Las Vegas, NV

|             |                           |            |                         |                                |
|-------------|---------------------------|------------|-------------------------|--------------------------------|
| ANTENNA ID: | 1                         | 5.5 meters | Comtech Antenna Systems | Offsat                         |
|             | 5925.0000 - 6425.0000 MHz | 54M0G7W    | 68.70 dBW               | Digital Compressed Information |
|             | 5925.0000 - 6425.0000 MHz | 500KG7W    | 54.90 dBW               | Digital Compressed Information |
|             | 3700.0000 - 4200.0000 MHz | 500KG7W    |                         | Digital Compressed Information |
|             | 3700.0000 - 4200.0000 MHz | 54M0G7W    |                         | Digital Compressed Information |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-MFS-20110314-00288** E E050196 EchoStar Corporation  
Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Fixed Satellite Service



"MOD" to add the EchoStar 6 satellite as a point of communication operating under Mexican authority at 76.95 W.L.

SITE ID: 1

LOCATION: Multiple (.66M. Antennas), CONUS 1,000,000UNITS

|             |                             |             |  |             |
|-------------|-----------------------------|-------------|--|-------------|
| ANTENNA ID: | .66M.                       | 0.66 meters | VARIOUS - ALL USING THE FOLLOWING SPECS. | VARIOUS     |
|             | 12200.0000 - 12700.0000 MHz |             | 24M0G7W                                  | DBS SERVICE |

**Points of Communication:**

1 - EHOSTAR 4 - (77 W.L.)

1 - EHOSTAR 6 - (76.95 W.L.)

1 - EHOSTAR 8 - (77 W.L.)

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**SES-MFS-20110314-00289** E E070273 EchoStar Corporation

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Other

"MOD" to modify its transmit/receive earth station authorization to operate it with the EchoStar 6 satellite at 76.95 W.L.

SITE ID: MT. JACKSON

LOCATION: 335 DISH DRIVE, SHENANDOAH, QUICKSBURG, VA

38 ° 43 ' 24.30 " N LAT.

78 ° 40 ' 0.20 " W LONG.

|             |                             |          |         |           |                                   |
|-------------|-----------------------------|----------|---------|-----------|-----------------------------------|
| ANTENNA ID: | VAD 1                       | 9 meters | VERTEX  | 9 METER   |                                   |
|             | 17790.0000 - 17800.0000 MHz |          | 1M50G2D | 82.96 dBW | Telecommand                       |
|             | 17310.0000 - 17790.0000 MHz |          | 24M0G1W | 86.90 dBW | Compressed Digital Video and Data |
|             | 17300.0000 - 17310.0000 MHz |          | 1M50F3D | 82.96 dBW | Ranging Tones                     |
|             | 12690.0000 - 12700.0000 MHz |          | 1M50F3D | 0.00 dBW  | Ranging Tones                     |
|             | 12690.0000 - 12700.0000 MHz |          | 1M50G2D | 0.00 dBW  | Telemetry                         |
|             | 12210.0000 - 12690.0000 MHz |          | 24M0G1W | 0.00 dBW  | Compressed Digital Video and Data |
|             | 12200.0000 - 12210.0000 MHz |          | 1M50G2D | 0.00 dBW  | Telemetry                         |
|             | 12200.0000 - 12210.0000 MHz |          | 800KG2D |           | TT&C                              |
|             | 12690.0000 - 12700.0000 MHz |          | 800KG2D |           | TT&C                              |
|             | 17300.0000 - 17310.0000 MHz |          | 800KG2D | 80.20 dBW | TT&C                              |
|             | 17790.0000 - 17800.0000 MHz |          | 800KG2D | 80.20 dBW | TT&C                              |

|                             |          |           |                                   |
|-----------------------------|----------|-----------|-----------------------------------|
| 12200.0000 - 12700.0000 MHz | 24M0G7W  |           | Digital data and compressed video |
| 17300.0000 - 17800.0000 MHz | 24M0G7W  | 86.90 dBW | Digital data and compressed video |
| 17790.0000 - 17800.0000 MHz | 1M50F3D  | 82.96 dBW | Ranging Tones                     |
| 17300.0000 - 17310.0000 MHz | 1M50G2D  | 82.96 dBW | Telecommand                       |
| 12200.0000 - 12210.0000 MHz | 1M50F3D  | 0.00 dBW  | Ranging Tones                     |
| ANTENNA ID: VAD 3           | 9 meters | VERTEX    | 9 METER                           |
| 12200.0000 - 12210.0000 MHz | 800KG2D  |           | TT&C                              |
| 12690.0000 - 12700.0000 MHz | 800KG2D  |           | TT&C                              |
| 17300.0000 - 17310.0000 MHz | 800KG2D  | 80.20 dBW | TT&C                              |
| 17790.0000 - 17800.0000 MHz | 800KG2D  | 80.20 dBW | TT&C                              |
| 12200.0000 - 12210.0000 MHz | 1M50G2D  |           | Telemetry                         |
| 12690.0000 - 12700.0000 MHz | 1M50G2D  |           | Telemetry                         |
| 17300.0000 - 17310.0000 MHz | 1M50G2D  | 82.96 dBW | Telecommand                       |
| 17790.0000 - 17800.0000 MHz | 1M50G2D  | 82.96 dBW | Telecommand                       |
| 12200.0000 - 12210.0000 MHz | 1M50F3D  |           | Ranging Tones                     |
| 12690.0000 - 12700.0000 MHz | 1M50F3D  |           | Ranging Tones                     |
| 17300.0000 - 17310.0000 MHz | 1M50F3D  | 82.96 dBW | Ranging Tones                     |
| 17790.0000 - 17800.0000 MHz | 1M50F3D  | 82.96 dBW | Ranging Tones                     |
| 12200.0000 - 12700.0000 MHz | 24M0G7W  |           | Digital data and compressed video |
| 12210.0000 - 12690.0000 MHz | 24M0G7W  |           | Digital data and compressed video |
| 17300.0000 - 17800.0000 MHz | 24M0G7W  | 86.90 dBW | Digital data and compressed video |
| 17310.0000 - 17790.0000 MHz | 24M0G7W  | 86.90 dBW | Digital data and compressed video |

**Points of Communication:**

MT. JACKSON - ECHOSTAR 10 - (110 W.L.)

MT. JACKSON - ECHOSTAR 11 - (110 W.L.)

MT. JACKSON - ECHOSTAR 2 - (148 W.L.)

MT. JACKSON - ECHOSTAR 3 - (61.5 W.L.)

MT. JACKSON - ECHOSTAR 4 - (77 W.L.)  
 MT. JACKSON - ECHOSTAR 5 - (129 W.L.)  
 MT. JACKSON - ECHOSTAR 6 - (110 W.L.)  
 MT. JACKSON - ECHOSTAR 6 - (76.95 W.L.)  
 MT. JACKSON - ECHOSTAR 7 - (119 W.L.)  
 MT. JACKSON - ECHOSTAR 8 - (110 W.L.)  
 MT. JACKSON - ECHOSTAR 8 - (77 W.L.)  
 MT. JACKSON - ECHOSTAR I - (148.0 W.L.)  
 MT. JACKSON - RAINBOW1 - (61.5 W.L.)

**SES-MFS-20110314-00290** E E980081 EchoStar Corporation

Modification

**Class of Station:** Fixed Earth Stations

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

"MOD" to add EchoStar 6 at 76.95 W.L.

**SITE ID:** Cheyenne

**LOCATION:** 530 EchoStar Drive, Laramie, Cheyenne, WY

41 ° 7 ' 58.30 " N LAT.

104 ° 44 ' 9.10 " W LONG.

|                    |                             |             |           |             |
|--------------------|-----------------------------|-------------|-----------|-------------|
| <b>ANTENNA ID:</b> | T5                          | 13.2 meters | TIW       | 13.2 METER  |
|                    | 17300.0000 - 17800.0000 MHz | 24M0M1F     | 85.00 dBW | FEEDERLINK  |
|                    | 17301.0000 - 17302.0000 MHz | 1M00G2D     | 87.40 dBW | TT&C        |
|                    | 12200.0000 - 12700.0000 MHz | 24M0M1F     |           | DBS/IOPT    |
|                    | 12200.5000 - 12201.5000 MHz | 1M00G2D     |           | TT&C        |
|                    | 12202.5000 - 12203.5000 MHz | 1M00G2D     |           | TT&C        |
|                    | 12698.5000 - 12699.5000 MHz | 1M00G2D     |           | TT&C        |
| <b>ANTENNA ID:</b> | T6                          | 13.2 meters | TIW       | 13.2 METER  |
|                    | 12200.0000 - 12210.0000 MHz | 800KG2D     |           | TELEMETRY   |
|                    | 12690.0000 - 12700.0000 MHz | 800KG2D     |           | TELEMETRY   |
|                    | 17300.0000 - 17310.0000 MHz | 800KG2D     | 86.40 dBW | TELECOMMAND |
|                    | 17790.0000 - 17800.0000 MHz | 800KG2D     | 86.40 dBW | TELECOMMAND |

|                             |         |           |                                   |
|-----------------------------|---------|-----------|-----------------------------------|
| 12210.0000 - 12690.0000 MHz | 24M0G7W |           | DIGITAL DATA AND COMPRESSED VIDEO |
| 12690.0000 - 12700.0000 MHz | 800KG2D |           | TELEMETRY                         |
| 17300.0000 - 17310.0000 MHz | 800KG2D | 86.40 dBW | TELECOMMAND                       |
| 17790.0000 - 17800.0000 MHz | 800KG2D | 86.40 dBW | TELECOMMAND                       |
| 12210.0000 - 12690.0000 MHz | 24M0G7W |           | DIGITAL DATA AND COMPRESSED VIDEO |
| 17310.0000 - 17790.0000 MHz | 24M0G7W | 87.40 dBW | DIGITAL DATA AND COMPRESSED VIDEO |

**Points of Communication:**

- Cheyenne - CIEL 2 - (128.85 W.L.)
- Cheyenne - EHOSTAR 10 - (110 W.L.)
- Cheyenne - EHOSTAR 11 - (110 W.L.)
- Cheyenne - EHOSTAR 2 - (119 W.L.)
- Cheyenne - EHOSTAR 3 - (61.5 W.L.)
- Cheyenne - EHOSTAR 4 - (77 W.L.)
- Cheyenne - EHOSTAR 5 - (148 W.L.)
- Cheyenne - EHOSTAR 6 - (76.95 W.L.)
- Cheyenne - EHOSTAR 7 - (119 W.L.)
- Cheyenne - EHOSTAR 7S - (119.2 W.L.)
- Cheyenne - EHOSTAR 8 - (77 W.L.)
- Cheyenne - RAINBOW1 - (61.5 W.L.)

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**SES-MFS-20110314-00291** E E050017 EchoStar Corporation

Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Direct Broadcast Satellite Service, Other

"MOD" to add EchoStar 6 at 76.95 W.L.

**SITE ID:** GT7 & GT8

**LOCATION:** 800 North America Sky Blvd., Maricopa, Gilbert, AZ

33 ° 21 ' 55.90 " N LAT.

111 ° 48 ' 50.00 " W LONG.

**ANTENNA ID:** GT7 13.2 meters Vertex/TIW 13.2 Meter

17300.0000 - 17800.0000 MHz 300KG7D - 82.10 dBW Data Carrier

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|                             |             |            |              |
|-----------------------------|-------------|------------|--------------|
| 17300.0000 - 17800.0000 MHz | 24M0G7W     | 87.40 dBW  | Data Carrier |
| 12200.0000 - 12700.0000 MHz | 24M0G7W     |            | Data Carrier |
| 12200.0000 - 12700.0000 MHz | 300KG7D -   |            | Data Carrier |
| 12200.0000 - 12210.0000 MHz | 800KG2D     |            | Telemetry    |
| 12690.0000 - 12700.0000 MHz | 800KG2D     |            | Telemetry    |
| 17300.0000 - 17310.0000 MHz | 800KG2D     | 82.10 dBW  | Telecommand  |
| 17790.0000 - 17800.0000 MHz | 800KG2D     | 82.10 dBW  | Telecommand  |
| ANTENNA ID: GT8             | 13.2 meters | Vertex/TIW | 13.2 Meter   |
| 17300.0000 - 17800.0000 MHz | 300KG7D -   | 82.10 dBW  | Data Carrier |
| 17300.0000 - 17800.0000 MHz | 24M0G7W     | 87.40 dBW  | Data Carrier |
| 12200.0000 - 12700.0000 MHz | 300KG7D -   |            | Data Carrier |
| 12200.0000 - 12700.0000 MHz | 24M0G7W     |            | Data Carrier |
| 12200.0000 - 12210.0000 MHz | 800KG2D     |            | Telemetry    |
| 12690.0000 - 12700.0000 MHz | 800KG2D     |            | Telemetry    |
| 17300.0000 - 17310.0000 MHz | 800KG2D     | 82.10 dBW  | Telecommand  |
| 17790.0000 - 17800.0000 MHz | 800KG2D     | 82.10 dBW  | Telecommand  |

**Points of Communication:**

- GT7 & GT8 - ECHOSTAR 10 - (110 W.L.)
- GT7 & GT8 - ECHOSTAR 2 - (148 W.L.)
- GT7 & GT8 - ECHOSTAR 3 - (61.5 W.L.)
- GT7 & GT8 - ECHOSTAR 5 - (129 W.L.)
- GT7 & GT8 - ECHOSTAR 6 - (76.95 W.L.)
- GT7 & GT8 - ECHOSTAR 7 - (119 W.L.)
- GT7 & GT8 - ECHOSTAR 8 - (110 W.L.)
- GT7 & GT8 - ECHOSTAR 8 - (77 W.L.)
- GT7 & GT8 - ECHOSTAR I - (148.0 W.L.)
- GT7 & GT8 - ECHOSTAR-4 - (119 W.L.)

SES-MOD-20110303-00241 E E970381 GUSA LICENSEE LLC

Application for Modification

**Class of Station:** Mobile Earth Station

**Nature of Service:** Mobile Satellite Service

"MOD" to change emission designators, replace antenna, add frequencies, and quantity of some of the remote terminals.

SITE ID: 1

LOCATION: CONUS, Alaska, Hawaii, Puerto Rico, US Virgin Islands, all US territories,, all US water

|             |                           |          |  |  |
|-------------|---------------------------|----------|--|--|
| ANTENNA ID: | Handheld                  | 0 meters | Tele Communications, Inc. for Qualcomm | handheld units   |
|             | 2483.5000 - 2500.0000 MHz |          | 1M23G1W                                | CDMA / Voice and data  |
|             | 1610.0000 - 1618.7250 MHz |          | 1M23G1W 1.00 dBW                       | CDMA / Voice and data  |
| ANTENNA ID: | V Mobile                  | 0 meters | Tele Communications, Inc. for Qualcomm | Vehicular Mobile   |
|             | 2483.5000 - 2500.0000 MHz |          | 1M23G1W                                | CDMA / Voice and data  |
|             | 1610.0000 - 1618.7250 MHz |          | 1M23G1W 8.00 dBW                       | CDMA / Voice and data  |
| ANTENNA ID: | A fixed                   | 0 meters | Tele Communications, Inc. for Qualcomm | Ancillary fixed  |
|             | 2483.5000 - 2500.0000 MHz |          | 1M23G1W                                | CDMA / Voice and data  |
|             | 1610.0000 - 1618.7250 MHz |          | 1M23G1W 8.00 dBW                       | CDMA / Voice and data  |
| ANTENNA ID: | Aviation 1                |          | ARNAV (Size: 3.93"Lx3"Wx0.88"D)        | RCOM-100   |
|             | 2483.5000 - 2500.0000 MHz |          | 1M23G1W                                | CDMA/ for single-carrier AMSS  |
|             | 1610.0000 - 1618.7250 MHz |          | 1M23G1W 2.00 dBW                       | Direct-sequence CDMA for single-carrier AMSS                         |
| ANTENNA ID: | Telemetry                 |          | VARIOUS                                | SRT  |
|             | 1610.0000 - 1618.7250 MHz |          | 2M50G1D                                | Direct-sequence CDMA for single-carrier telemetry data               |
| ANTENNA ID: | Aviation 2                |          | Qualcomm (Size: 3.93"Lx3"Wx0.88"D)     | MDSS   |
|             | 2483.5000 - 2500.0000 MHz |          | 1M23G7W                                | Direct-sequence CDMA for multi-carrier air-based or ground-based MSS |
|             | 1610.0000 - 1618.7250 MHz |          | 1M23G7W 2.00 dBW                       | Direct-sequence CDMA for multi-carrier air-based or ground-based MSS |

|             |                           |                                  |  |
|-------------|---------------------------|----------------------------------|--|
| ANTENNA ID: | Handheld 2                | Telex for Qualcomm               | GSP-1700   |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
| ANTENNA ID: | V Mobile 3                | Tecom for Richardson Electronics | Vehicular Mobile 3                                   |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 4.00 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | A Fixed 4                 | Richardson Electronics           | Ancillary Fixed 4                                    |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 4.00 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | MCM-4                     | Tecom for Richardson Electronics | MCM-4  |
|             | 2483.5000 - 2500.0000 MHz | 1M23G7W                          | Direct-sequence CDMA for four-channel voice and data |
|             | 1610.0000 - 1618.7250 MHz | 1M23G7W 7.50 dBW                 | Direct-sequence CDMA for four-channel voice and data |
| ANTENNA ID: | SDVM                      | Tecom for Richardson Electronics | GSP-1720   |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 4.00 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | V Mobile 2                | Qualcomm                         | GCK-1410   |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 5.00 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | A Fixed 2                 | Qualcomm                         | GSP-2900   |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 6.70 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | A Fixed 3                 | Ericsson                         | FAU-200  |
|             | 2483.5000 - 2500.0000 MHz | 1M23G1W                          | CDMA/Voice and Data                                  |
|             | 1610.0000 - 1618.7250 MHz | 1M23G1W 8.00 dBW                 | CDMA/Voice and Data                                  |
| ANTENNA ID: | SDM                       | Qualcomm                         | GSP-1620   |

|                           |          |           |  |
|---------------------------|----------|-----------|--|
| 2483.5000 - 2500.0000 MHz | 1M23G1W  |           | CDMA/Voice and Data                                    |
| 1610.0000 - 1618.7250 MHz | 1M23G1W  | 4.50 dBW  | CDMA/Voice and Data                                    |
| ANTENNA ID: PTracker      | SPOT LLC |           | SPOT   |
| 1610.0000 - 1618.7250 MHz | 2M50G1D  | -3.00 dBW | Direct-sequence CDMA for single-carrier telemetry data |

**Points of Communication:**

- 1 - GLOBALSTAR - (NGSO)
- 1 - GLOBALSTAR 2.0 - (NGSO)

**SES-MOD-20110325-00354** E E950002 LifeTalk Radio, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

"MOD" to relocate fixed station. In supplemental information, the applicant requested to change point of communication from SES-1 to Alsat, applicant stated that Alsat was not in the drop down list when the application was filed.

SITE ID: 1  
 LOCATION: 101 WEST COCHRAN STREET, VENTURA, SIMI VALLEY, CA  
 34 ° 17 ' 3.50 " N LAT. 118 ° 47 ' 59.70 " W LONG.

|                             |            |           |                  |
|-----------------------------|------------|-----------|------------------|
| ANTENNA ID: 1               | 2.4 meters | PRODELIN  | 1251             |
| 14000.0000 - 14500.0000 MHz | 400KG1E    | 52.20 dBW | QPSK             |
| 11700.0000 - 12200.0000 MHz | 400KG1E    |           | QPSK VARIOUS FCC |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)

**SES-MOD-20110407-00413** E E990543 Maritime Communication Services, Inc.

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Applicant seeks Commission authority to change license status from Common Carrier to Non-Common Carrier.

SITE ID: 1  
 LOCATION: 1025 West NASA Blvd, C-99, Melbourne, FL  
 28 ° 5 ' 24.00 " N LAT. 80 ° 38 ' 20.20 " W LONG.

|                           |             |                             |                            |
|---------------------------|-------------|-----------------------------|----------------------------|
| ANTENNA ID: 1             | 13.1 meters | Vertex Communications Corp. | 13 KPC                     |
| 5985.0000 - 6425.0000 MHz | 51K2G7W-    | 58.90 dBW                   | QPSK digital data services |



|                           |          |           |                            |
|---------------------------|----------|-----------|----------------------------|
| 5985.0000 - 6425.0000 MHz | 2M46G7W  | 75.70 dBW | QPSK digital data services |
| 3700.0000 - 4200.0000 MHz | 51K2G7W- |           | QPSK digital data services |
| 3700.0000 - 4200.0000 MHz | 2M46G7W  |           | QPSK digital data services |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - ANIK E1 - (118.7 W.L.)
- 1 - ANIK E2 - (111.1 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 - (325.5 E.L.)
- 1 - INTELSAT AOR - (328.5 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 - (342.0 E.L.)
- 1 - New Skies 806 - (319.5 E.L.)
- 1 - NSS-5 - (183 E.L.)

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**SES-MOD-20110408-00407** E E010126 Production & Satellite Services, Inc.

Application for Modification

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

**Nature of Service:** Fixed Satellite Service

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

SITE ID: 1

LOCATION: 4415 WAGON TRAIL AVE., CLARK, LAS VEGAS, NV

|                             |            |                    |                                |
|-----------------------------|------------|--------------------|--------------------------------|
| ANTENNA ID: 1               | 2.4 meters | ANDREW CORPORATION | ESA-24SNG-LTE-25               |
| 14000.0000 - 14500.0000 MHz | 36M0F3F    | 76.30 dBW          | ANALOG TELEVISION              |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 71.60 dBW          | DIGITAL COMPRESSED INFORMATION |
| 14000.0000 - 14500.0000 MHz | 4M00G7F    | 62.20 dBW          | DIGITAL COMPRESSED INFORMATION |

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|                             |         |                                |
|-----------------------------|---------|--------------------------------|
| 11700.0000 - 12200.0000 MHz | 36M0F3F | ANALOG TELEVISION              |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | DIGITAL COMPRESSED INFORMATION |
| 11700.0000 - 12200.0000 MHz | 4M00G7F | DIGITAL COMPRESSED INFORMATION |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-REG-20110407-00414** E E110060 MICHIGAN TECHNOLOGICAL UNIVERSITY

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1400 TOWNSEND DRIVE BUILDING 24/HEADEND, HOUGHTON, HOUGHTON, MI

47 ° 6 ' 45.20 " N LAT.

88 ° 32 ' 49.20 " W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M.

|                           |         |                              |
|---------------------------|---------|------------------------------|
| 3700.0000 - 4200.0000 MHz | 36M0F8W | ANALOG AND DIGITAL SATELLITE |
|---------------------------|---------|------------------------------|

|                           |         |                              |
|---------------------------|---------|------------------------------|
| 3700.0000 - 4200.0000 MHz | 36M0G7W | ANALOG AND DIGITAL SATELLITE |
|---------------------------|---------|------------------------------|

**Points of Communication:**

1 - ALSAT - (ALSAT)

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