



# PUBLIC NOTICE

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

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Report No. SES-01263

Wednesday July 21, 2010

## 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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|                               |           |                          |                            |
|-------------------------------|-----------|--------------------------|----------------------------|
| <b>SES-LIC-20100518-00603</b> | E E100065 | ISOTROPIC NETWORKS, INC. |                            |
| Application for Authority     |           |                          | 07/14/2010 - 07/14/2025    |
| Grant of Authority            |           |                          | Date Effective: 07/14/2010 |

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: W2835 KRUEGER, WALWORTH, LAKE GENEVA, WI  
42 ° 37 ' 4.53 " N LAT. 88 ° 26 ' 20.64 " W LONG.

| ANTENNA ID:                 | Vertex 6.1 | 6.1 meters | VERTEX  | KPK       |         |
|-----------------------------|------------|------------|---------|-----------|---------|
| 14000.0000 - 14500.0000 MHz |            |            | 2M71G7W | 69.40 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz |            |            | 1M36G7W | 66.42 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz |            |            | 340KG7W | 60.40 dBW | DIGITAL |
| 11700.0000 - 12200.0000 MHz |            |            | 340KG7W |           | DIGITAL |
| 11700.0000 - 12200.0000 MHz |            |            | 1M36G7W |           | DIGITAL |
| 11700.0000 - 12200.0000 MHz |            |            | 2M71G7W |           | DIGITAL |

### Points of Communication:

1 - ALSAT - (ALSAT)

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

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**SES-LIC-20100601-00663**    E E100071    THISTLE COMMUNICATIONS

Application for Authority

07/20/2010 - 07/20/2025

Grant of Authority

Date Effective:    07/20/2010

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

**Nature of Service:**      Fixed Satellite Service

SITE ID:                1

LOCATION:               VARIOUS

ANTENNA ID:    KU Uplink                2.4 meters                ANDREW                ESA24VSM-KU

14000.0000 - 14500.0000 MHz                36M0F3F                70.45 dBW                FREQUENCY MODULATED AUDIO  
AND VIDEO

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MFS-20100129-00134**    E KA258    Intelsat North America LLC

Modification

03/31/2009 - 03/31/2024

Grant of Authority

Date Effective:    07/20/2010

**Class of Station:**        Fixed Earth Stations

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

SITE ID:                1

LOCATION:               22021 COMSAT DRIVE, MONTGOMERY, CLARKSBURG, MD  
39 ° 13 ' 6.60 " N LAT.                                77 ° 16 ' 15.30 " W LONG.

ANTENNA ID:    1                                14.2 meters                TIW                                TIW

14253.0000 - 14500.0000 MHz                1M50F3X                87.00 dBW                ENERGY-DISPERSED FM TEST  
SIGNAL

14247.0000 - 14253.0000 MHz                800KF3D                87.00 dBW                COMMAND SIGNAL

14000.0000 - 14500.0000 MHz                NON                        61.30 dBW                TT&C, Monitoring, IN-ORBIT  
TESTING CARRIER

14000.0000 - 14500.0000 MHz                200KF2N                78.30 dBW                TT&C, Monitoring, IN-ORBIT  
TESTING CARRIER

14000.0000 - 14500.0000 MHz                2M00F3N                87.00 dBW                TT&C, Monitoring, IN-ORBIT  
TESTING CARRIER

14000.0000 - 14500.0000 MHz                20M0F3N                87.00 dBW                TT&C, Monitoring, IN-ORBIT  
TESTING CARRIER

14000.0000 - 14500.0000 MHz                800KGXD                88.00 dBW                TTC&M, Carrier

14000.0000 - 14247.0000 MHz                1M50F3X                87.00 dBW                ENERGY-DISPERSED FM TEST  
SIGNAL

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|                             |         |           |                                            |
|-----------------------------|---------|-----------|--------------------------------------------|
| 11700.0000 - 12200.0000 MHz | 800KGXD |           | TTC&M, Carrier                             |
| 11450.0000 - 12200.0000 MHz | 1M50F3X |           | ENERGY-DISPERSED FM TEST SIGNAL            |
| 11450.0000 - 12200.0000 MHz | NON     |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 11450.0000 - 12200.0000 MHz | 200KF3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 11450.0000 - 12200.0000 MHz | 2M00F3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 11450.0000 - 12200.0000 MHz | 20M0F3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 11450.0000 - 11950.0000 MHz | 800KGXD |           | TTC&M, Carrier                             |
| 10950.0000 - 11200.0000 MHz | 800KFXD |           | COMMAND SIGNAL                             |
| 10950.0000 - 11200.0000 MHz | NON     |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 10950.0000 - 11200.0000 MHz | 200KF3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 10950.0000 - 11200.0000 MHz | 2M00F3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 10950.0000 - 11200.0000 MHz | 20M0F3N |           | TT&C, Monitoring, IN-ORBIT TESTING CARRIER |
| 10950.0000 - 11200.0000 MHz | 800KGXD |           | TTC&M, Carrier                             |
| 11448.0000 - 11448.0000 MHz | 300KGXD |           | TT&C Carrier                               |
| 11449.0000 - 11449.0000 MHz | 300KGXD |           | TT&C Carrier                               |
| 11448.0000 - 11448.0000 MHz | 300KFXD |           | Command Signal                             |
| 11449.0000 - 11449.0000 MHz | 300KFXD |           | Command Signal                             |
| 13995.5000 - 13995.5000 MHz | 850KGXD | 85.00 dBW | TT&C Carrier                               |
| 13246.5000 - 13246.5000 MHz | 850KFXD | 85.00 dBW | Command Signal                             |
| 13995.5000 - 13995.5000 MHz | 850KFXD | 85.00 dBW | Command Signal                             |
| 11448.0000 - 11448.0000 MHz | 300KGXD |           | TT&C Carrier                               |
| 11449.0000 - 11449.0000 MHz | 300KGXD |           | TT&C Carrier                               |
| 11448.0000 - 11448.0000 MHz | 300KFXD |           | Command Signal                             |

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|                             |         |           |                |
|-----------------------------|---------|-----------|----------------|
| 11449.0000 - 11449.0000 MHz | 300KFXD |           | Command Signal |
| 13995.5000 - 13995.5000 MHz | 850KFXD | 85.00 dBW | Command Signal |
| 13246.5000 - 13246.5000 MHz | 850KGXD | 85.00 dBW | TT&C Carrier   |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 11 - (43.0 W.L.)
- 1 - INTELSAT 16 - (58.10 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 - (340.0 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.)

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|                               |           |                      |                            |
|-------------------------------|-----------|----------------------|----------------------------|
| <b>SES-MOD-20100218-00214</b> | E E070273 | EchoStar Corporation | 02/05/2008 - 02/05/2023    |
| Application for Modification  |           |                      | Date Effective: 07/20/2010 |
| Grant of Authority            |           |                      |                            |

**Class of Station:** Fixed Earth Stations

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

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 | 1M50F3D  | 82.96 dBW | Ranging Tones |

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|                             |         |           |                                   |
|-----------------------------|---------|-----------|-----------------------------------|
| 17790.0000 - 17800.0000 MHz | 1M50G2D | 82.96 dBW | Telecommand                       |
| 17790.0000 - 17800.0000 MHz | 800KG2D | 80.20 dBW | TT&C                              |
| 17310.0000 - 17790.0000 MHz | 24M0G1W | 86.90 dBW | Compressed Digital Video and Data |
| 17300.0000 - 17800.0000 MHz | 24M0G7W | 86.90 dBW | Digital data and compressed video |
| 17300.0000 - 17310.0000 MHz | 1M50F3D | 82.96 dBW | Ranging Tones                     |
| 17300.0000 - 17310.0000 MHz | 1M50G2D | 82.96 dBW | Telecommand                       |
| 17300.0000 - 17310.0000 MHz | 800KG2D | 80.20 dBW | TT&C                              |
| 12690.0000 - 12700.0000 MHz | 1M50F3D | 0.00 dBW  | Ranging Tones                     |
| 12690.0000 - 12700.0000 MHz | 1M50G2D | 0.00 dBW  | Telemetry                         |
| 12690.0000 - 12700.0000 MHz | 800KG2D |           | TT&C                              |
| 12210.0000 - 12690.0000 MHz | 24M0G1W | 0.00 dBW  | Compressed Digital Video and Data |
| 12200.0000 - 12700.0000 MHz | 24M0G7W |           | Digital data and compressed video |
| 12200.0000 - 12210.0000 MHz | 1M50F3D | 0.00 dBW  | Ranging Tones                     |
| 12200.0000 - 12210.0000 MHz | 1M50G2D | 0.00 dBW  | Telemetry                         |
| 12200.0000 - 12210.0000 MHz | 800KG2D |           | TT&C                              |

**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 5 - (129 W.L.)

Mt. Jackson - ECHOSTAR 6 - (110 W.L.)

Mt. Jackson - ECHOSTAR 6 - (61.65 W.L.)

Mt. Jackson - ECHOSTAR 7 - (119 W.L.)

Mt. Jackson - ECHOSTAR 8 - (110 W.L.)

Mt. Jackson - ECHOSTAR I - (148.0 W.L.)

Mt. Jackson - RAINBOW1 - (61.5 W.L.)

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SES-MOD-20100611-00689      E E2454      Oral Roberts University

Application for Modification

09/29/2010 - 09/29/2025

Grant of Authority

Date Effective:      07/19/2010

**Class of Station:**      Fixed Earth Stations

**Nature of Service:**      Fixed Satellite Service

SITE ID:      1

LOCATION:      7777 SOUTH LEWIS AVENUE, TULSA, TULSA, OK

36 ° 2 ' 53.30 " N LAT.

95 ° 57 ' 17.00 " W LONG.

|                           |    |            |           |                                                                            |
|---------------------------|----|------------|-----------|----------------------------------------------------------------------------|
| ANTENNA ID:               | 1B | 6.3 meters | VERTEX    | KPC                                                                        |
| 5925.0000 - 6425.0000 MHz |    | 36M0F8F    | 73.60 dBW | ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS                             |
| 5925.0000 - 6425.0000 MHz |    | 36M0G7W    | 76.80 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 5925.0000 - 6425.0000 MHz |    | 51K2G7W    | 48.40 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 3700.0000 - 4200.0000 MHz |    | 36M0F8F    |           | ANALOG VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS                             |
| 3700.0000 - 4200.0000 MHz |    | 36M0G7W    |           | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 3700.0000 - 4200.0000 MHz |    | 51K2G7W    |           | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| ANTENNA ID:               | 1C | 3.8 meters | PRODELIN  | 1383                                                                       |
| 5925.0000 - 6425.0000 MHz |    | 36M0G7W    | 71.30 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 5925.0000 - 6425.0000 MHz |    | 64K0G7W    | 47.00 dBW | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 3700.0000 - 4200.0000 MHz |    | 36M0G7W    |           | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |
| 3700.0000 - 4200.0000 MHz |    | 64K0G7W    |           | DIGITAL TRAFFIC, VARIOUS FEC, DATA RATES, MODULATION AND INFORMATION TYPES |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20000710-01135**      P E900584      Comcast of Colorado IV, LLC  
Renewal      09/28/2000 - 09/28/2010  
Grant of Authority      Date Effective:      07/20/2000

**Class of Station:**      Fixed Earth Stations

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

Licensee has changed name only per letter dated March 17, 2010.

SITE ID:      1  
LOCATION:      ROUTT, STEAMBOAT SPRINGS, CO  
                    40 ° 29 ' 41.00 " N LAT.      106 ° 50 ' 46.00 " W LONG.

ANTENNA ID:      1      4.5 meters      SCIENTIFIC ATLANTA      8345 P.F.  
                    3700.0000 - 4200.0000 MHz      36MOF3F

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100619-00717**      E WF25      ROBIN MEDIA GROUP, INC.  
Renewal      09/16/2010 - 09/16/2025  
Grant of Authority      Date Effective:      07/15/2010

**Class of Station:**      Fixed Earth Stations

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

SITE ID:      1  
LOCATION:      BRADLEY, CLEVELAND, TN  
                    35 ° 9 ' 44.00 " N LAT.      84 ° 50 ' 57.00 " W LONG.

ANTENNA ID:      1      5 meters      SCIENTIFIC ATLANTA      414  
                    3700.0000 - 4200.0000 MHz      36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00718**      E E000468      Fox Broadcasting Company  
Renewal      07/28/2010 - 07/28/2025  
Grant of Authority      Date Effective:      07/16/2010

**Class of Station:**      Fixed Earth Stations

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

SITE ID:      1  
LOCATION:      5151 WISCONSIN AVE. NW, WASHINGTON, DC  
                    38 ° 57 ' 24.40 " N LAT.      77 ° 4 ' 58.40 " W LONG.

|                                 |                                                                                                           |          |                          |                            |
|---------------------------------|-----------------------------------------------------------------------------------------------------------|----------|--------------------------|----------------------------|
| ANTENNA ID:                     | 1                                                                                                         | 5 meters | AFC                      | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0G7F                  | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0F8F                  | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                                                                           |          |                          |                            |
| 1 - ALSAT - (ALSAT)             |                                                                                                           |          |                          |                            |
| <hr/>                           |                                                                                                           |          |                          |                            |
| <b>SES-RWL-20100620-00719</b>   | E                                                                                                         | E000469  | Fox Broadcasting Company |                            |
| Renewal                         |                                                                                                           |          |                          | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                                                                           |          |                          | Date Effective: 07/16/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                                                                                      |          |                          |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                                                                          |          |                          |                            |
| SITE ID:                        | 1                                                                                                         |          |                          |                            |
| LOCATION:                       | 950 COMMERCE BLVD, GADSDEN, MIDWAY, FL<br>30 ° 29 ' 41.70 " N LAT. 84 ° 25 ' 2.70 " W LONG.               |          |                          |                            |
| ANTENNA ID:                     | 1                                                                                                         | 5 meters | AFC                      | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0G7F                  | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0F8F                  | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                                                                           |          |                          |                            |
| 1 - ALSAT - (ALSAT)             |                                                                                                           |          |                          |                            |
| <hr/>                           |                                                                                                           |          |                          |                            |
| <b>SES-RWL-20100620-00720</b>   | E                                                                                                         | E000470  | Fox Broadcasting Company |                            |
| Renewal                         |                                                                                                           |          |                          | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                                                                           |          |                          | Date Effective: 07/16/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                                                                                      |          |                          |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                                                                          |          |                          |                            |
| SITE ID:                        | 1                                                                                                         |          |                          |                            |
| LOCATION:                       | 1551 BRIARCLIFF ROAD, NE (WAGA), FULTON, ATLANTA, GA<br>33 ° 47 ' 49.90 " N LAT. 84 ° 20 ' 2.70 " W LONG. |          |                          |                            |
| ANTENNA ID:                     | 1                                                                                                         | 5 meters | AFC                      | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0G7F                  | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                                                                 |          | 36M0F8F                  | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                                                                           |          |                          |                            |
| 1 - ALSAT - (ALSAT)             |                                                                                                           |          |                          |                            |
| <hr/>                           |                                                                                                           |          |                          |                            |



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**SES-RWL-20100620-00721**    E   E000446    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    937 E. 53RD STREET, SCOTT, DAVENPORT, IA  
41 ° 34 ' 23.10 " N LAT.    90 ° 33 ' 42.50 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00722**    E   E000447    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    4023 FLEUR DRIVE, POLK, DES MOINES, IA  
41 ° 32 ' 49.50 " N LAT.    93 ° 38 ' 34.80 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00723**    E   E000448    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    820 W. 2ND STREET, WAPELLO, OTTUMWA, IA  
41 ° 1 ' 30.60 " N LAT.    92 ° 25 ' 20.70 " W LONG.

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|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100620-00727</b> | E | E000474 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/16/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 679 6TH STREET NORTH EXTENSION, CANYON, NAMPA, ID  
43 ° 35 ' 47.60 " N LAT. 116 ° 34 ' 19.50 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100620-00728</b> | E | E000475 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/16/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 902 E. SHERMAN STREET, BANNOCK, POCA TELLO, ID  
43 ° 35 ' 47.60 " N LAT. 116 ° 34 ' 19.50 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00730**    E   E000458    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    1309 N. MEMORIAL PKWY., MADISON, HUNTSVILLE, AL  
34 ° 44 ' 45.30 " N LAT.    86 ° 36 ' 6.00 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00731**    E   E000459    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    210 GOVERNMENT STREET, MOBILE, MOBILE, AL  
30 ° 41 ' 23.70 " N LAT.    88 ° 2 ' 34.00 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00733**    E   E000456    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    172 VALLEY VIEW DRIVE, JEFFERSON, BIRMINGHAM, AL  
33 ° 29 ' 21.40 " N LAT.    86 ° 47 ' 57.50 " W LONG.

|                                 |                                             |          |                            |                            |
|---------------------------------|---------------------------------------------|----------|----------------------------|----------------------------|
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                            |                            |
| <hr/>                           |                                             |          |                            |                            |
| <b>SES-RWL-20100620-00734</b>   | E                                           | E000457  | Fox Broadcasting Company   |                            |
| Renewal                         |                                             |          |                            | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                             |          |                            | Date Effective: 07/16/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                        |          |                            |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service            |          |                            |                            |
| SITE ID:                        | 1                                           |          |                            |                            |
| LOCATION:                       | 2221 ROSS CLARK CIRCLE, HOUSTON, DOTHAN, AL |          |                            |                            |
|                                 | 31 ° 11 ' 26.10 " N LAT.                    |          | 85 ° 24 ' 15.30 " W LONG.  |                            |
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                            |                            |
| <hr/>                           |                                             |          |                            |                            |
| <b>SES-RWL-20100620-00735</b>   | E                                           | E000463  | Fox Broadcasting Company   |                            |
| Renewal                         |                                             |          |                            | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                             |          |                            | Date Effective: 07/16/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                        |          |                            |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service            |          |                            |                            |
| SITE ID:                        | 1                                           |          |                            |                            |
| LOCATION:                       | 300 MAIN STREET, BUTTE, CHICO, CA           |          |                            |                            |
|                                 | 39 ° 57 ' 44.60 " N LAT.                    |          | 121 ° 42 ' 47.90 " W LONG. |                            |
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                            |                            |
| <hr/>                           |                                             |          |                            |                            |

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**SES-RWL-20100620-00736**    E   E000460    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    ONE WCOV AVENUE, MONTGOMERY, MONTGOMERY, AL  
32 ° 20 ' 1.00 " N LAT.    86 ° 17 ' 16.90 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00737**    E   E000466    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    345 HILLCREST MANOR, MESA, GRAND JUNCTION, CO  
39 ° 5 ' 15.90 " N LAT.    108 ° 34 ' 1.30 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100620-00738**    E   E000464    Fox Broadcasting Company  
Renewal  
Grant of Authority    07/28/2010 - 07/28/2025  
Date Effective:    07/16/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    560 WOOTEN ROAD, EL PASO, COLORADO SPRINGS, CO  
38 ° 50 ' 28.00 " N LAT.    104 ° 44 ' 22.60 " W LONG.

|                                 |                                                  |          |                           |                            |
|---------------------------------|--------------------------------------------------|----------|---------------------------|----------------------------|
| ANTENNA ID:                     | 1                                                | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                  |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                  |          |                           |                            |
| <hr/>                           |                                                  |          |                           |                            |
| <b>SES-RWL-20100620-00739</b>   | E                                                | E000465  | Fox Broadcasting Company  |                            |
| Renewal                         |                                                  |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                  |          |                           | Date Effective: 07/16/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                             |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                 |          |                           |                            |
| SITE ID:                        | 1                                                |          |                           |                            |
| LOCATION:                       | 730- 7TH STREET, SUITE 201, HUMBOLDT, EUREKA, CA |          |                           |                            |
|                                 | 40 ° 49 ' 30.50 " N LAT.                         |          | 124 ° 0 ' 13.20 " W LONG. |                            |
| ANTENNA ID:                     | 1                                                | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                  |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                  |          |                           |                            |
| <hr/>                           |                                                  |          |                           |                            |
| <b>SES-RWL-20100623-00752</b>   | E                                                | E000382  | Fox Broadcasting Company  |                            |
| Renewal                         |                                                  |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                  |          |                           | Date Effective: 07/20/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                             |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                 |          |                           |                            |
| SITE ID:                        | 1                                                |          |                           |                            |
| LOCATION:                       | 1078-25 ROAD, LANCASTER, AXTELL, NE              |          |                           |                            |
|                                 | 40 ° 29 ' 35.00 " N LAT.                         |          | 99 ° 4 ' 58.30 " W LONG.  |                            |
| ANTENNA ID:                     | 1                                                | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                        |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                  |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                  |          |                           |                            |
| <hr/>                           |                                                  |          |                           |                            |

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**SES-RWL-20100623-00753**    E   E000383    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    NORTH HWY. 83, LINCOLN, NORTH PLATTE, NE  
41 ° 12 ' 16.00 " N LAT.    100 ° 44 ' 4.50 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00754**    E   E000385    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    3220 PLAZA DRIVE, SUITE E, DAKOTA, SOUTH SIOUX CITY, NE  
42 ° 27 ' 31.00 " N LAT.    96 ° 25 ' 40.10 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00756**    E   E000476    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    25 FOX DRIVE, SUFFOLK, DEDHAM, MA  
42 ° 13 ' 47.40 " N LAT.    71 ° 10 ' 48.90 " W LONG.

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|                           |   |          |               |      |
|---------------------------|---|----------|---------------|------|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M. |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |      |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |      |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100623-00757</b> | E | E000453 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/20/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 2000 W. 41ST STREET, BALTIMORE, BALTIMORE, MD  
39 ° 20 ' 1.00 " N LAT. 76 ° 38 ' 49.90 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100623-00758</b> | E | E000393 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/20/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: G-3463 W. PIERSON ROAD, GENESEE, FLINT, MI  
43 ° 3 ' 35.60 " N LAT. 83 ° 45 ' 2.40 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00759**    E   E000399    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    6301 BANDEL ROAD, OLMSTED, ROCHESTER, MN  
              44 ° 5 ' 30.80 " N LAT.                                92 ° 30 ' 36.60 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00760**    E   E000401    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    806 ENTERPRISE STREET, CAPE GIRARDEAU, CAPE GIRARDEAU, MO  
              37 ° 17 ' 14.00 " N LAT.                                89 ° 33 ' 30.00 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00761**    E   E000403    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    501 BUSINESS LOOP 70 EAST, BOONE, COLUMBIA, MO  
              38 ° 57 ' 54.20 " N LAT.                                92 ° 19 ' 52.70 " W LONG.

|                                 |                                             |          |                           |                            |
|---------------------------------|---------------------------------------------|----------|---------------------------|----------------------------|
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                       | 5 M.                       |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                           |                            |
| <hr/>                           |                                             |          |                           |                            |
| <b>SES-RWL-20100623-00762</b>   | E                                           | E000479  | Fox Broadcasting Company  |                            |
| Renewal                         |                                             |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                             |          |                           | Date Effective: 07/20/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                        |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service            |          |                           |                            |
| SITE ID:                        | 1                                           |          |                           |                            |
| LOCATION:                       | 205 N. MICHIGAN AVENUE, COOK, CHICAGO, IL   |          |                           |                            |
|                                 | 41 ° 53 ' 15.10 " N LAT.                    |          | 87 ° 37 ' 26.70 " W LONG. |                            |
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                           |                            |
| <hr/>                           |                                             |          |                           |                            |
| <b>SES-RWL-20100623-00763</b>   | E                                           | E000480  | Fox Broadcasting Company  |                            |
| Renewal                         |                                             |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                             |          |                           | Date Effective: 07/20/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                        |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service            |          |                           |                            |
| SITE ID:                        | 1                                           |          |                           |                            |
| LOCATION:                       | 401 S. MAIN STREET, WINNEBAGO, ROCKFORD, IL |          |                           |                            |
|                                 | 42 ° 17 ' 25.10 " N LAT.                    |          | 89 ° 9 ' 49.40 " W LONG.  |                            |
| ANTENNA ID:                     | 1                                           | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                   |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                             |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                             |          |                           |                            |
| <hr/>                           |                                             |          |                           |                            |

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SES-RWL-20100623-00764 E E000481 Fox Broadcasting Company

Renewal

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 07/20/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3003 OLD ROCHESTER ROAD, SANGAMON, SPRINGFIELD, IL  
39 ° 47 ' 3.20 " N LAT. 89 ° 36 ' 26.40 " W LONG.

ANTENNA ID: 1 5 meters AFC 5 M

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20100623-00765 E E000484 Fox Broadcasting Company

Renewal

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 07/20/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 3707 HILLEGAS ROAD, ALLEN, FT. WAYNE, IN

ANTENNA ID: 1 5 meters AFC 5 M

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20100623-00766 E E000482 Fox Broadcasting Company

Renewal

07/28/2010 - 07/28/2025

Grant of Authority

Date Effective: 07/20/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 58096 CR#7 SOUTH, ELKHART, ELKHART, IN  
41 ° 39 ' 4.20 " N LAT. 85 ° 59 ' 0.00 " W LONG.

|                                 |                                                   |          |                           |                            |
|---------------------------------|---------------------------------------------------|----------|---------------------------|----------------------------|
| ANTENNA ID:                     | 1                                                 | 5 meters | AFC                       | AFC                        |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                   |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                   |          |                           |                            |
| <hr/>                           |                                                   |          |                           |                            |
| <b>SES-RWL-20100623-00767</b>   | E                                                 | E000483  | Fox Broadcasting Company  |                            |
| Renewal                         |                                                   |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                   |          |                           | Date Effective: 07/20/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                              |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                  |          |                           |                            |
| SITE ID:                        | 1                                                 |          |                           |                            |
| LOCATION:                       | 477 CARPENTER STREET, VANDERBURGH, EVANSVILLE, IN |          |                           |                            |
|                                 | 37 ° 58 ' 30.60 " N LAT.                          |          | 87 ° 34 ' 34.10 " W LONG. |                            |
| ANTENNA ID:                     | 1                                                 | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                   |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                   |          |                           |                            |
| <hr/>                           |                                                   |          |                           |                            |
| <b>SES-RWL-20100623-00768</b>   | E                                                 | E000485  | Fox Broadcasting Company  |                            |
| Renewal                         |                                                   |          |                           | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                   |          |                           | Date Effective: 07/20/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                              |          |                           |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                  |          |                           |                            |
| SITE ID:                        | 1                                                 |          |                           |                            |
| LOCATION:                       | 1440 N.MERIDIAN STREET, MARION, INDIANAPOLIS, IN  |          |                           |                            |
|                                 | 39 ° 47 ' 12.90 " N LAT.                          |          | 86 ° 9 ' 30.00 " W LONG.  |                            |
| ANTENNA ID:                     | 1                                                 | 5 meters | AFC                       | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0G7F                   | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                         |          | 36M0F8F                   | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                   |          |                           |                            |
| 1 - ALSAT - (ALSAT)             |                                                   |          |                           |                            |
| <hr/>                           |                                                   |          |                           |                            |

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**SES-RWL-20100623-00769**    E   E000449    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    316 N. WEST STREET, SEDGWICK, WICHITA, KS  
              37 ° 41 ' 20.00 " N LAT.    97 ° 23 ' 17.20 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00770**    E   E000386    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    4920 BROOKSIDE COURT, STOREY, RENO, NV  
              39 ° 30 ' 15.70 " N LAT.    119 ° 45 ' 47.70 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M           |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00771**    E   E000394    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    1377 UNIVERSITY BLVD. NE, BERNALILLO, ALBUQUERQUE, NM  
              35 ° 5 ' 52.50 " N LAT.    106 ° 37 ' 38.90 " W LONG.

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|                           |   |          |               |      |
|---------------------------|---|----------|---------------|------|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M. |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |      |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |      |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100623-00772</b> | E | E000396 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/20/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 28 CORPORATE CIRCLE, ALBANY, ALBANY, NY  
42 ° 42 ' 16.30 " N LAT. 73 ° 52 ' 25.40 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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|                               |   |         |                          |                         |
|-------------------------------|---|---------|--------------------------|-------------------------|
| <b>SES-RWL-20100623-00773</b> | E | E000405 | Fox Broadcasting Company | 07/28/2010 - 07/28/2025 |
| Renewal                       |   |         |                          | Date Effective:         |
| Grant of Authority            |   |         |                          | 07/20/2010              |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: 3030 SUMMIT ROAD, JACKSON, KANSAS CITY, MO  
39 ° 4 ' 19.00 " N LAT. 94 ° 35 ' 51.00 " W LONG.

|                           |   |          |               |     |
|---------------------------|---|----------|---------------|-----|
| ANTENNA ID:               | 1 | 5 meters | AFC           | 5 M |
| 3700.0000 - 4200.0000 MHz |   | 36M0G7F  | DIGITAL VIDEO |     |
| 3700.0000 - 4200.0000 MHz |   | 36M0F8F  | ANALOG VIDEO  |     |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00774**    E   E000377    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    445 S. 24TH WEST, YELLOWSTONE, BILLINGS, MT  
              45 ° 45 ' 41.80 " N LAT.    108 ° 34 ' 31.50 " W LONG.

|             |                           |            |          |               |
|-------------|---------------------------|------------|----------|---------------|
| ANTENNA ID: | 1                         | 4.5 meters | PRODELIN | 4.5 M         |
|             | 3700.0000 - 4200.0000 MHz |            | 36M0G7F  | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |            | 36M0F8F  | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00775**    E   E000421    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/20/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    512 SOUTH MANGUM STREET, DURHAM, DURHAM, NC  
              35 ° 59 ' 34.00 " N LAT.    78 ° 54 ' 13.00 " W LONG.

|             |                           |          |         |               |
|-------------|---------------------------|----------|---------|---------------|
| ANTENNA ID: | 1                         | 5 meters | AFC     | 5 M.          |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0G7F | DIGITAL VIDEO |
|             | 3700.0000 - 4200.0000 MHz |          | 36M0F8F | ANALOG VIDEO  |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100623-00781**    E   E000422    Fox Broadcasting Company  
Renewal    07/28/2010 - 07/28/2025  
Grant of Authority    Date Effective:    07/19/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    2005 FRANCIS STREET, DAVIDSON, HIGH POINT, NC  
              35 ° 56 ' 13.40 " N LAT.    79 ° 58 ' 46.30 " W LONG.

|                                 |                                                              |          |                            |                            |
|---------------------------------|--------------------------------------------------------------|----------|----------------------------|----------------------------|
| ANTENNA ID:                     | 1                                                            | 5 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                              |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                                              |          |                            |                            |
| <hr/>                           |                                                              |          |                            |                            |
| <b>SES-RWL-20100623-00782</b>   | E                                                            | E000424  | Fox Broadcasting Company   |                            |
| Renewal                         |                                                              |          |                            | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                              |          |                            | Date Effective: 07/19/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                                         |          |                            |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                             |          |                            |                            |
| SITE ID:                        | 1                                                            |          |                            |                            |
| LOCATION:                       | 3130 EAST BROADWAY AVENUE, BURLEIGH, BISMARCK, ND            |          |                            |                            |
|                                 | 46 ° 48 ' 23.50 " N LAT.                                     |          | 100 ° 44 ' 39.50 " W LONG. |                            |
| ANTENNA ID:                     | 1                                                            | 5 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                              |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                                              |          |                            |                            |
| <hr/>                           |                                                              |          |                            |                            |
| <b>SES-RWL-20100624-00821</b>   | E                                                            | E000387  | Fox Broadcasting Company   |                            |
| Renewal                         |                                                              |          |                            | 07/28/2010 - 07/28/2025    |
| Grant of Authority              |                                                              |          |                            | Date Effective: 07/15/2010 |
| <b>Class of Station:</b>        | Fixed Earth Stations                                         |          |                            |                            |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service                             |          |                            |                            |
| SITE ID:                        | 1                                                            |          |                            |                            |
| LOCATION:                       | 5020 W. AMELIA EARHART STREET, SALT LAKE, SALT LAKE CITY, UT |          |                            |                            |
|                                 | 40 ° 46 ' 37.80 " N LAT.                                     |          | 112 ° 0 ' 42.80 " W LONG.  |                            |
| ANTENNA ID:                     | 1                                                            | 1 meters | AFC                        | 5 M                        |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0G7F                    | DIGITAL VIDEO              |
|                                 | 3700.0000 - 4200.0000 MHz                                    |          | 36M0F8F                    | ANALOG VIDEO               |
| <b>Points of Communication:</b> |                                                              |          |                            |                            |
| 1 - ALSAT - (ALSAT)             |                                                              |          |                            |                            |
| <hr/>                           |                                                              |          |                            |                            |





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3700.0000 - 4200.0000 MHz

36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100701-00853**    E    WH57    COMCAST OF FLORIDA 1, INC.

Renewal

08/18/2010 - 08/18/2025

Grant of Authority

Date Effective:    07/16/2010

**Class of Station:**        Fixed Earth Stations

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

SITE ID:            1

LOCATION:           INDIAN RIVER, SEBASTIAN, FL

27 ° 46 ' 24.00 " N LAT.

80 ° 26 ' 53.00 " W LONG.

ANTENNA ID:    1

6 meters

RMI, 615-003

3700.0000 - 4200.0000 MHz

36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100702-00856**    E    E8954    Comcast of New Mexico, Inc.

Renewal

08/03/2010 - 08/03/2025

Grant of Authority

Date Effective:    07/15/2010

**Class of Station:**        Fixed Earth Stations

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

SITE ID:            1

LOCATION:           SOCORRO, SOCORRO, NM

34 ° 3 ' 21.00 " N LAT.

106 ° 54 ' 43.00 " W LONG.

ANTENNA ID:    1

4.6 meters

PRODELIN

M/A 137-750

3700.0000 - 4200.0000 MHz

36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100702-00857**    E    E2181    COMCAST OF NEW MEXICO/PENNSYLVANIA, INC.

Renewal

07/21/2010 - 07/21/2025

Grant of Authority

Date Effective:    07/16/2010

**Class of Station:**        Fixed Earth Stations

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

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SITE ID: 1  
LOCATION: SAN JUAN, AZTEC, NM  
36 ° 46 ' 56.00 " N LAT. 107 ° 59 ' 2.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA5-4HP  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100702-00858** E E2177 COMCAST OF WASHINGTON IV, INC.  
Renewal 07/21/2010 - 07/21/2025  
Grant of Authority Date Effective: 07/16/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: SNOHOMISH, MARYSVILLE, WA  
48 ° 9 ' 5.00 " N LAT. 122 ° 8 ' 15.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA 8008B  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100702-00860** E E2120 COMCAST OF CALIFORNIA/COLORADO/TEXAS/WASHINGTON, INC.  
Renewal 07/07/2010 - 07/07/2025  
Grant of Authority Date Effective: 07/16/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1  
LOCATION: MORGAN, BRIGHTON, CO  
39 ° 59 ' 14.00 " N LAT. 104 ° 48 ' 36.00 " W LONG.

ANTENNA ID: 1 4.3 meters ANT FOR COM, CH-14M  
3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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SES-RWL-20100706-00871 E E000495 THE BOEING COMPANY

Renewal

08/10/2010 - 08/10/2025

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: HERNDON

LOCATION: 460 HERNDON PARKWAY, FAIRFAX, HERNDON, VA

38 ° 57 ' 32.00 " N LAT.

77 ° 22 ' 32.00 " W LONG.

|                             |          |            |           |                      |
|-----------------------------|----------|------------|-----------|----------------------|
| ANTENNA ID:                 | 3.8MPROD | 3.8 meters | PRODELIN  | 1383                 |
| 14000.0000 - 14500.0000 MHz |          | 128KG7D    | 54.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 1M00G7D    | 62.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 1M50G7D    | 64.70 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 256KG7D    | 57.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 2M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 32K0G7D    | 48.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 3M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 2M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 32K0G7D    | 48.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 3M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 4M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 512KG7D    | 60.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 5M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 64K0G7D    | 51.20 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 768KG7D    | 60.70 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 8M00G7D    | 65.24 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz |          | 922KG7D    | 62.20 dBW | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz |          | 3M00G1D    |           | QPSK DATA            |
| 11700.0000 - 12200.0000 MHz |          | 38K4G1D    |           | QPSK DATA            |
| 11700.0000 - 12200.0000 MHz |          | 128KG7D    |           | DIGITAL DATA CARRIER |

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|                             |         |                      |
|-----------------------------|---------|----------------------|
| 11700.0000 - 12200.0000 MHz | 1M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 1M50G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 256KG7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 2M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 32K0G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 3M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 4M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 512KG7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 5M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 64K0G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 768KG7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 8M00G7D | DIGITAL DATA CARRIER |
| 11700.0000 - 12200.0000 MHz | 922KG7D | DIGITAL DATA CARRIER |

**Points of Communication:**

HERNDON - PERMITTED LIST - ()

HERNDON - SATMEX-5 - (116.8 W.L.)

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|                               |        |                                            |
|-------------------------------|--------|--------------------------------------------|
| <b>SES-RWL-20100706-00881</b> | E WJ52 | MID-SOUTH PUBLIC COMMUNICATIONS FOUNDATION |
| Renewal                       |        | 08/03/2010 - 08/03/2025                    |
| Grant of Authority            |        | Date Effective: 07/19/2010                 |

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: TATE, SENATOBIA, MS  
34 ° 37 ' 34.00 " N LAT.

89 ° 58 ' 9.00 " W LONG.

|               |            |                    |           |
|---------------|------------|--------------------|-----------|
| ANTENNA ID: 1 | 4.5 meters | ANDREW CORPORATION | ESA45-46A |
|---------------|------------|--------------------|-----------|

|                           |       |
|---------------------------|-------|
| 3700.0000 - 4200.0000 MHz | 200F9 |
|---------------------------|-------|

|                           |      |
|---------------------------|------|
| 3700.0000 - 4200.0000 MHz | 30F9 |
|---------------------------|------|

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20100707-00872 E E873437 MOBIL OIL TELCOM LIMITED

Renewal

10/05/2010 - 10/05/2025

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:** VSAT Network

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

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 3.7 meters ANDREW CORPORATION ESA-37

14000.0000 - 14500.0000 MHz 45F9Y 58.30 dBW

14000.0000 - 14500.0000 MHz 78F9Y 58.30 dBW

14000.0000 - 14500.0000 MHz 89F9Y 58.30 dBW

11700.0000 - 12200.0000 MHz 45F9Y

11700.0000 - 12200.0000 MHz 78F9Y

11700.0000 - 12200.0000 MHz 89F9Y

**Points of Communication:**

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1 - ALSAT - (ALSAT)

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SES-RWL-20100707-00873 E E873436 MOBIL OIL TELCOM LIMITED

Renewal

10/05/2010 - 10/05/2025

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:** VSAT Network

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

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 2.4 meters SEAVEY 8431

14000.0000 - 14500.0000 MHz 45F9Y 55.10 dBW

14000.0000 - 14500.0000 MHz 78F9Y 55.10 dBW

14000.0000 - 14500.0000 MHz 89F9Y 55.10 dBW

11700.0000 - 12200.0000 MHz 45F9Y

11700.0000 - 12200.0000 MHz 78F9Y

11700.0000 - 12200.0000 MHz 89F9Y

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-RWL-20100707-00874** E E873435 MOBIL OIL TELCOM LIMITED

Renewal

10/05/2010 - 10/05/2025

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:** VSAT Network

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

SITE ID: 1

LOCATION: CONUS

ANTENNA ID: 1 1.8 meters ANDREW CORPORATION MODEL ESA18-124

14000.0000 - 14500.0000 MHz 45F9Y 52.60 dBW

14000.0000 - 14500.0000 MHz 78F9Y 52.60 dBW

14000.0000 - 14500.0000 MHz 89F9Y 52.60 dBW

11700.0000 - 12200.0000 MHz 45F9Y

11700.0000 - 12200.0000 MHz 78F9Y

11700.0000 - 12200.0000 MHz 89F9Y

**Points of Communication:**

1 - ALSAT - (ALSAT)

**SES-RWL-20100708-00890** E E900560 MOBILE SATELLITE COMMUNICATIONS, INC. D/B/A PITTSBURGH INTERNATIONAL TELEPORT

Renewal

09/21/2010 - 09/21/2025

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: VARIOUS

ANTENNA ID: 1 2.4 meters RADIATION SYSTEMS 240KV

14000.0000 - 14500.0000 MHz 36M0F3F 73.48 dBW Analog video with audio subcarriers

14000.0000 - 14500.0000 MHz 2M00G7W 61.90 dBW QPSK 1.544 MbP/ Digital voice, data & fax

|                                 |                                                                         |                                                                               |                                    |
|---------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------|
| 14000.0000 - 14500.0000 MHz     | 9M00G7F                                                                 | 68.40 dBW                                                                     | Digital video                      |
| <b>Points of Communication:</b> |                                                                         |                                                                               |                                    |
| 1 - ALSAT - (ALSAT)             |                                                                         |                                                                               |                                    |
| 1 - ANIK E1 - (118.7 W.L.)      |                                                                         |                                                                               |                                    |
| 1 - ANIK E2 - (111.1 W.L.)      |                                                                         |                                                                               |                                    |
| 1 - PAS-1R - (45.0 W.L.)        |                                                                         |                                                                               |                                    |
| 1 - PAS-3R - (43.0 W.L.)        |                                                                         |                                                                               |                                    |
| 1 - TELSTAR 11 - (37.5 W.L.)    |                                                                         |                                                                               |                                    |
| <b>SES-RWL-20100708-00891</b>   | E E900561                                                               | MOBILE SATELLITE COMMUNICATIONS, INC. D/B/A PITTSBURGH INTERNATIONAL TELEPORT |                                    |
| Renewal                         |                                                                         | 09/21/2010 - 09/21/2025                                                       |                                    |
| Grant of Authority              |                                                                         | Date Effective:                                                               | 07/19/2010                         |
| <b>Class of Station:</b>        | Fixed Earth Stations                                                    |                                                                               |                                    |
| <b>Nature of Service:</b>       | Domestic Fixed Satellite Service, International Fixed Satellite Service |                                                                               |                                    |
| SITE ID:                        | 1                                                                       |                                                                               |                                    |
| LOCATION:                       | 201 Browntown Road, ALLEGHENY, NEW KENSINGTON, PA                       |                                                                               |                                    |
|                                 | 42 ° 32 ' 2.00 " N LAT. 79 ° 45 ' 16.00 " W LONG.                       |                                                                               |                                    |
| ANTENNA ID:                     | 1                                                                       | 5.5 meters                                                                    | RADIATION SYSTEMS INC. MODEL 551KS |
| 14000.0000 - 14500.0000 MHz     | 36MOF3F                                                                 | 66.87 dBW                                                                     | Analog Video                       |
| 14000.0000 - 14500.0000 MHz     | 9M00G7D                                                                 | 55.93 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 2M86G7D                                                                 | 50.95 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 2M00G7D                                                                 | 49.40 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 1M00G7D                                                                 | 46.39 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 717KG7D                                                                 | 44.95 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 538KG7D                                                                 | 43.70 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 358KG7D                                                                 | 41.93 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 178KG7D                                                                 | 38.89 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 90K0G7D                                                                 | 35.93 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 27M0G7D                                                                 | 60.70 dBW                                                                     | Data                               |
| 14000.0000 - 14500.0000 MHz     | 4M80G7F                                                                 | 53.20 dBW                                                                     | Digital Video                      |



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**Points of Communication:**

- 1 - ALSAT - (ALSAT)
  - 1 - PAS-1R - (45.0 W.L.)
  - 1 - PAS-3R - (43.0 W.L.)
  - 1 - SATMEX-5 - (116.8 W.L.)
  - 1 - TELSTAR 11 - (37.5 W.L.)
- 

**SES-RWL-20100709-00889**    E   E900397    Fisher Broadcasting - Portland TV, L.L.C.  
Renewal    08/10/2010 - 08/10/2025  
Grant of Authority    Date Effective:    07/19/2010

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

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

SITE ID:    1

LOCATION:    LOCATIONS IN U.S./ BASE: 2153 N.E. SANDY BLVD., PORTLAND, OR 97232, VARIOUS

|                             |         |            |                                                        |         |
|-----------------------------|---------|------------|--------------------------------------------------------|---------|
| ANTENNA ID:                 | 1       | 2.6 meters | VERTEX                                                 | DMK-2.6 |
| 14000.0000 - 14500.0000 MHz | 24M0F3F | 77.00 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 77.00 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 14000.0000 - 14500.0000 MHz | 50K0F3F | 47.00 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 14000.0000 - 14500.0000 MHz | 50K0F2D | 52.00 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 14000.0000 - 14500.0000 MHz | 30K0F3F | 39.30 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 14000.0000 - 14500.0000 MHz | 15M0G7W | 68.60 dBW  | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |
| 11700.0000 - 12200.0000 MHz |         |            | DIGITAL MCPC QPSK CARRIER<br>USED FOR VIDEO/VOICE/DATA |         |

**Points of Communication:**

- 1 - ALSAT - (ALSAT)
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**SES-RWL-20100712-00888**    E   E2346    COMCAST OF VIRGINIA INC.  
Renewal    08/18/2010 - 08/18/2025  
Grant of Authority    Date Effective:    07/19/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID: 1

LOCATION: ALEXANDRIA, ALEXANDRIA, VA  
38 ° 48 ' 25.00 " N LAT. 77 ° 7 ' 31.00 " W LONG.

ANTENNA ID: 1 4.6 meters SCIENTIFIC ATLANTA 8005

3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100713-00886** E E2170 Comcast of Illinois/Texas, Inc. d/b/a Comcast Cable of Illinois/Texas, Inc.  
Renewal 08/04/2010 - 08/04/2025  
Grant of Authority Date Effective: 07/19/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: IROQUOIS, ONARGA, IL  
40 ° 43 ' 49.00 " N LAT. 88 ° 0 ' 41.00 " W LONG.

ANTENNA ID: 1 5 meters SCIENTIFIC ATLANTA MODEL 8008LS

3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100713-00887** E E2172 COMCAST OF THE SOUTH INC.  
Renewal 08/04/2010 - 08/04/2025  
Grant of Authority Date Effective: 07/19/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: LIVINGSTON, BRIGHTON, MI  
42 ° 34 ' 21.00 " N LAT. 83 ° 49 ' 22.00 " W LONG.

ANTENNA ID: 1 5 meters HUGHES MICROWAVE SRA-501-5-C

3700.0000 - 4200.0000 MHz 36000F9

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100714-00900**    E WE60    Americom Government Services, Inc.  
Renewal    09/02/2010 - 09/02/2025  
Grant of Authority    Date Effective:    07/19/2010

**Class of Station:**    Fixed Earth Stations

**Nature of Service:**    Fixed Satellite Service

SITE ID:    1  
LOCATION:    NASA, Wallops Station, Rt. 175, ACCOMACK, WALLOPS ISLAND, VA  
37 ° 56 ' 46.00 " N LAT.    75 ° 27 ' 43.00 " W LONG.

|                           |         |           |           |
|---------------------------|---------|-----------|-----------|
| ANTENNA ID:               | 1       | 11 meters | RADIO MSI |
| 6367.9000 - 6425.0000 MHz | 100KF1D | 51.90 dBW |           |
| 6249.3000 - 6337.9000 MHz | 220KF1D | 54.40 dBW |           |
| 6115.9000 - 6219.3000 MHz | 1M60F7D | 64.00 dBW |           |
| 5997.3000 - 6085.9000 MHz | 2M00F7D | 64.90 dBW |           |
| 5945.0000 - 5987.3000 MHz | 36M0F8W | 64.90 dBW |           |
| 5925.0000 - 6425.0000 MHz | 60K0F1D | 49.70 dBW |           |

|                             |         |            |          |          |
|-----------------------------|---------|------------|----------|----------|
| ANTENNA ID:                 | 2.4 Ku  | 2.4 meters | PRODELIN | 1251-350 |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 69.20 dBW  | DIGITAL  |          |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | DIGITAL    |          |          |

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100715-00902**    E E900205    NORTH TEXAS PUBLIC BROADCASTING  
Renewal    08/03/2010 - 08/03/2025  
Grant of Authority    Date Effective:    07/15/2010

**Class of Station:**    Fixed Earth Stations

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

SITE ID:    1  
LOCATION:    3000 HARRY HINES BLVD. KERA CHANNEL 13, DALLAS, DALLAS, TX  
32 ° 47 ' 44.00 " N LAT.    96 ° 48 ' 39.00 " W LONG.

|                           |         |            |         |             |
|---------------------------|---------|------------|---------|-------------|
| ANTENNA ID:               | 1       | 3.8 meters | COMTECH | 934D0015-G2 |
| 3700.0000 - 4200.0000 MHz | 180KF3E |            |         |             |
| 3700.0000 - 4200.0000 MHz | 30K0F1D |            |         |             |

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**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100715-00905**      E   E000503      Fox Broadcasting Company

Renewal

08/17/2010 - 08/17/2025

Grant of Authority

Date Effective:      07/16/2010

**Class of Station:**      Fixed Earth Stations

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

SITE ID:      1

LOCATION:      2 JACK LONDON SQUARE, ALAMEDA, OAKLAND, CA

37 ° 47 ' 28.70 " N LAT.

122 ° 16 ' 10.90 " W LONG.

ANTENNA ID:      1

5 meters

AFC

5 M

3700.0000 - 4200.0000 MHz

36M0G7F

DIGITAL VIDEO

3700.0000 - 4200.0000 MHz

36M0F8F

ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100715-00906**      E   E000504      Fox Broadcasting Company

Renewal

08/17/2010 - 08/17/2025

Grant of Authority

Date Effective:      07/16/2010

**Class of Station:**      Fixed Earth Stations

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

SITE ID:      1

LOCATION:      637 LUVERNE AVE., BAY, PANAMA CITY, FL

30 ° 9 ' 37.70 " N LAT.

85 ° 39 ' 34.70 " W LONG.

ANTENNA ID:      1

5 meters

AFC

5 M

3700.0000 - 4200.0000 MHz

36M0G7F

DIGITAL VIDEO

3700.0000 - 4200.0000 MHz

36M0F8F

ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100715-00907**      E   E000505      Fox Broadcasting Company

Renewal

08/17/2010 - 08/17/2025

Grant of Authority

Date Effective:      07/16/2010

**Class of Station:**      Fixed Earth Stations

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

SITE ID: 1

LOCATION: 4015 9TH AVENUE SW, CASS, FARGO, ND  
46 ° 52 ' 0.90 " N LAT.

96 ° 50 ' 56.30 " W LONG.

ANTENNA ID: 1 5 meters AFC 5 M

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-RWL-20100715-00908** E E000506 Fox Broadcasting Company

Renewal

08/17/2010 - 08/17/2025

Grant of Authority

Date Effective: 07/16/2010

**Class of Station:** Fixed Earth Stations

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

SITE ID: 1

LOCATION: 1856 SKYVIEW DRIVE, NATRONA, CASPER, WY  
42 ° 52 ' 17.90 " N LAT.

106 ° 21 ' 20.00 " W LONG.

ANTENNA ID: 1 5 meters AFC 5 M.

3700.0000 - 4200.0000 MHz 36M0G7F DIGITAL VIDEO

3700.0000 - 4200.0000 MHz 36M0F8F ANALOG VIDEO

**Points of Communication:**

1 - ALSAT - (ALSAT)

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**SES-STA-20100527-00649** E E090086 VSAT SYSTEMS, LLC

Special Temporary Authority

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:**

Special Temporary Authority is GRANTED for a period 60 days beginning July 19, 2010 and ending September 18, 2010.

**Points of Communication:**

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**SES-STA-20100528-00662** E E000054 VALLEY COMMUNICATIONS OF MOSES LAKE, INC.

Special Temporary Authority

Grant of Authority

Date Effective: 07/19/2010

**Class of Station:**

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Special Temporary Authority is GRANTED with conditions for a period of 60 days beginning July 19, 2010 and ending September 18, 2010.

**Points of Communication:**

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**SES-STA-20100609-00682**    E   E070273    EchoStar Corporation

Special Temporary Authority

Grant of Authority

Date Effective:    07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with conditions for an additional 60 days beginning July 3, 2010 and ending August 31, 2010.

**Points of Communication:**

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**SES-STA-20100609-00683**    E   E980082    EchoStar Corporation

Special Temporary Authority

Grant of Authority

Date Effective:    07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with conditions for an additional 60 days beginning July 3, 2010 and ending August 31, 2010.

**Points of Communication:**

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**SES-STA-20100609-00684**    E   E980081    EchoStar Corporation

Special Temporary Authority

Grant of Authority

Date Effective:    07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with conditions for an additional 60 days beginning July 3, 2010 and ending August 31, 2010.

**Points of Communication:**

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**SES-STA-20100615-00755**    E   KA249    Vizada, Inc.

Special Temporary Authority

Grant of Authority

Date Effective:    07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with condition for an additional 30 days beginning June 14, 2010 and ending July 13, 2010.

**Points of Communication:**

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**SES-STA-20100707-00892**    E      Frontier Drilling USA, Inc.

Special Temporary Authority

Grant of Authority

Date Effective:    07/16/2010

**Class of Station:**

STA has been granted with condition for a period of 30 days, July 24, 2010 through August 24, 2010.

**Points of Communication:**

**SES-STA-20100709-00897** E KA249 Vizada, Inc.  
Special Temporary Authority  
Grant of Authority

Date Effective: 07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with condition for an additional 30 days beginning July 14, 2010 and ending August 12, 2010.

**Points of Communication:**

**SES-STA-20100709-00898** E E070098 TerreStar License Inc.  
Special Temporary Authority  
Grant of Authority

Date Effective: 07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with condition for additional time beginning July 1, 2010 through September 30, 2010.

**Points of Communication:**

**SES-STA-20100709-00899** E E070098 TerreStar License Inc.  
Special Temporary Authority  
Grant of Authority

Date Effective: 07/14/2010

**Class of Station:**

Extension of special temporary authority is GRANTED with condition for additional time beginning July 1, 2010 through September 30, 2010.

**Points of Communication:**

**Dismissal**

**SES-STA-20090324-00363** E020287 SES Americom, Inc.

STA application has been dismissed as moot, underlying modification application SES-MOD-20090427-00521 has been granted.

**SES-STA-20090629-00803** E050318 ViaSat, Inc.

Request for special temporary authority is dismissed as Moot, underlying mod application was granted on June 24, 2010. See File No. SES-MFS-20090624-00789.

**SES-STA-20100111-00049** E860317 SES Americom, Inc.

Request for special temporary authority is dismissed as Moot, see related modification granted February 16, 2010, File No. SES-MOD-20100108-00022.

**SES-STA-20100514-00597** E070026 STM Networks Inc

Request for special temporary authority is dismissed as Moot, underlying mod application was granted on June 30, 2010. See File No. SES-MFS-20090514-00592.

**INFORMATIVE**

**SES-RWL-20000710-01131** WE61 COMCAST OF CALIFORNIA/CONNECTICUT/MICHIGAN

Licensee has changed name only per letter dated March 17, 2010.

**SURRENDER**

**SES-LIC-20000519-00814** E000248 Nebraska Educational Telecommunications Commission

**SURRENDER**

License has been surrendered per letter filed July 8, 2010.

**SES-LIC-20000803-01300**      E000423      The Comcast Network, LLC

License has been surrendered per letter filed July 13, 2010.

**SES-RWL-20000505-00748**      WD26      AT&T BROADBAND OF WEST VIRGINIA, LLC

License has been surrendered per letter filed July 13, 2010.

**SES-RWL-20030109-00036**      E930090      Americom Government Services, Inc.

Licensee has surrendered license authorization per letter dated July 13, 2010.

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