



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01370

Wednesday August 3, 2011

Satellite Communications Services Information

re: Actions Taken

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

SES-ASG-20110516-00592 E E970423 Howell Mountain Broadcasting Company
Application for Consent to Assignment
Grant of Authority Date Effective: 07/29/2011

Current Licensee: Howell Mountain Broadcasting Company
FROM: HOWELL MOUNTAIN BROADCASTING COMPANY
TO: PACIFIC UNION COLLEGE

No. of Station(s) listed: 1

SES-LIC-20110527-00641 E E110092 Digital Latin America, LLC
Application for Authority 07/27/2011 - 07/27/2026
Grant of Authority Date Effective: 07/27/2011

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4117 NW 124th Avenue, Broward, Coral Springs, FL
26 ° 16 ' 53.80 " N LAT. 80 ° 17 ' 24.40 " W LONG.

| | | | | |
|-------------|---------------------------|------------|------------|-----------------------------------|
| ANTENNA ID: | 1 | 6.5 meters | ASC Signal | 6.5 ESA |
| | 3700.0000 - 4200.0000 MHz | | 43K9G7D | Digital Data Carrier |
| | 3700.0000 - 4200.0000 MHz | | 8M00G7D | Digital Data Carrier |
| | 5925.0000 - 6425.0000 MHz | | 43K9G7D | 56.90 dBW Digital Data Carrier |
| | 5925.0000 - 6425.0000 MHz | | 8M00G7D | 71.60 dBW Digital Data Carrier |
| ANTENNA ID: | 2 | 7.6 meters | Andrew | 7.6 ESA |
| | 3700.0000 - 4200.0000 MHz | | 43K9G7D | Digital Data Carrier |

| | | | |
|---------------------------|------------|-----------|----------------------|
| 3700.0000 - 4200.0000 MHz | 8M00G7D | | Digital Data Carrier |
| 5925.0000 - 6425.0000 MHz | 8M00G7D | 73.40 dBW | Digital Data Carrier |
| 5925.0000 - 6425.0000 MHz | 43K9G7D | 60.40 dBW | Digital Data Carrier |
| ANTENNA ID: 3 | 9.1 meters | Andrew | 9.1 ESA |
| 3700.0000 - 4200.0000 MHz | 43K9G7D | | Digital Data Carrier |
| 3700.0000 - 4200.0000 MHz | 8M00G7D | | Digital Data Carrier |
| 5925.0000 - 6425.0000 MHz | 43K9G7D | 60.50 dBW | Digital Data Carrier |
| 5925.0000 - 6425.0000 MHz | 8M00G7D | 80.40 dBW | Digital Data Carrier |

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20110615-00710 E E110096 FISHER BROADCASTING - SEATTLE TV, L.L.C.
 Application for Authority 07/27/2011 - 07/27/2026
 Grant of Authority Date Effective: 07/27/2011

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 140 4TH AVENUE NORTH, KING, SEATTLE, WA
 47 ° 37 ' 9.00 " N LAT. 122 ° 20 ' 51.00 " W LONG.

| | | | |
|-----------------------------|------------|-----------|------------------------------------|
| ANTENNA ID: 1 | 5.6 meters | ANDREW | ES56HS-1 |
| 11700.0000 - 12200.0000 MHz | 10M0G7W | | DIGITAL, QPSK, DATA |
| 11700.0000 - 12200.0000 MHz | 36M0F8W | | ANALOG VIDEO WITH ASSOCIATED AUDIO |
| 14000.0000 - 14500.0000 MHz | 10M0G7W | 76.97 dBW | DIGITAL, QPSK, DATA |
| 14000.0000 - 14500.0000 MHz | 36M0F8W | 77.89 dBW | ANALOG VIDEO WITH ASSOCIATED AUDIO |

Points of Communication:

1 - ALSAT - (ALSAT)

SES-LIC-20110623-00731 E E000110 Locked-On Communications, Inc.
 Application for Authority 08/02/2011 - 08/02/2026
 Grant of Authority Date Effective: 08/02/2011

Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

Applicant has asked to retain call sign E000110 of their expired license SES-LIC-20000225-00335.

SITE ID: Locked-On Office
LOCATION: 917 Indian Creek Lane, Crownsville, MD

| | | | | |
|-------------|-----------------------------|------------|-----------|---|
| ANTENNA ID: | Locked On | 1.5 meters | Vertex | 1.5 SMK-LT |
| | 14000.0000 - 14500.0000 MHz | 36M0F8F | 70.34 dBW | Analog Video w/associated audio subcarriers |
| ANTENNA ID: | Office | 1.5 meters | Vertex | 1.5 SMK-LT |
| | 14000.0000 - 14500.0000 MHz | 36M0F8F | 70.34 dBW | Analog video w/associated audio subcarriers |
| | 14000.0000 - 14500.0000 MHz | 24M0F8F | 67.34 dBW | Analog video w/associated audio subcarrier |
| | 14000.0000 - 14500.0000 MHz | 24M0G7F | 62.10 dBW | PSK digital video w/digital audio/data |

Points of Communication:

Locked-On Office - ALSAT - (ALSAT)

| | | | | |
|-------------------------------------|---|---------|-----------------------------------|----------------------------|
| SES - MFS - 20110608 - 00661 | E | E020306 | EchoStar Broadcasting Corporation | 02/03/2003 - 02/03/2018 |
| Modification | | | | Date Effective: 07/29/2011 |
| Grant of Authority | | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Direct Broadcast Satellite Service, Other

SITE ID: GD2
LOCATION: 801 North American Sky Blvd., Maricopa, Gilbert, AZ
33 ° 21 ' 59.80 " N LAT. 111 ° 48 ' 52.30 " W LONG.

| | | | | |
|-------------|-----------------------------|----------|-----------|-------------------------|
| ANTENNA ID: | GD2 | 9 meters | Vertex | 9M |
| | 17308.0000 - 17309.0000 MHz | 1M50G2D | 73.70 dBW | Telemetry Beacon (TT&C) |
| | 17300.0000 - 17800.0000 MHz | 24M0G1F | 85.78 dBW | Digital Carrier |
| | 12698.0000 - 12698.0000 MHz | 300KG2D | 0.00 dBW | Telemetry Beacon (TT&C) |
| | 12202.0000 - 12202.0000 MHz | 300KG2D | 0.00 dBW | Telemetry Beacon (TT&C) |
| | 12200.0000 - 12700.0000 MHz | 24M0G1F | 0.00 dBW | Digital Carrier |
| | 12200.0000 - 12200.0000 MHz | 300KG2D | 0.00 dBW | Telemetry Beacon (TT&C) |

| | | | |
|-----------------------------|---------|-----------|------------------------|
| 12200.0000 - 12210.0000 MHz | 800KG2D | | TT&C |
| 12690.0000 - 12700.0000 MHz | 800KG2D | | TT&C |
| 17300.0000 - 17310.0000 MHz | 800KG2D | 71.01 dBW | TT&C |
| 17790.0000 - 17800.0000 MHz | 800KG2D | 71.01 dBW | TT&C |
| 17300.0000 - 17800.0000 MHz | 24M0G7W | 85.78 dBW | Digital Video and Data |

Points of Communication:

GD2 - EHOSTAR 2 - (148 W.L.)

GD2 - EHOSTAR 3 - (61.5 W.L.)

GD2 - EHOSTAR 4 - (157 W.L.)

GD2 - EHOSTAR 4 - (77 W.L.)

GD2 - EHOSTAR 5 - (119 W.L.)

GD2 - EHOSTAR 5 - (148 W.L.)

GD2 - EHOSTAR 6 - (110 W.L.)

GD2 - EHOSTAR 7 - (119 W.L.)

GD2 - EHOSTAR 8 - (77 W.L.)

GD2 - EHOSTAR I - (148.0 W.L.)

SES-MOD-20101101-01387 E E050033 WB HOLDINGS 1 LLC

Application for Modification

04/26/2005 - 04/26/2020

Grant of Authority

Date Effective: 07/29/2011

Class of Station: Other

Nature of Service: Fixed Satellite Service

SITE ID: WB1000-C

LOCATION: (500,000 0.7m antennas), CONUS

0 ° 0 ' 0.00 " N LAT.

0 ° 0 ' 0.00 " W LONG.

ANTENNA ID: WB1000-C2 0.7 meters Raven Manufacturing WB1000-002

29500.0000 - 30000.0000 MHz 200KG7W 46.30 dBW 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only)

29500.0000 - 30000.0000 MHz 400KG7W 46.30 dBW 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

29500.0000 - 30000.0000 MHz 800KG7W 46.30 dBW 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only)

| | | | |
|-----------------------------|------------|---------------------|---|
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 41.00 dBW | 1280 KSPS QPSK, Digital Carrier (normal clear sky conditions) |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 46.30 dBW | 1280 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 46.30 dBW | 2560 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 46.30 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 46.30 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 46.30 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | 0.00 dBW | 15 MSPS 8PSK Digital Carrier |
| 19700.0000 - 20200.0000 MHz | 27M0G7W | 0.00 dBW | 22.5 MSPS 8PSK, Digital Carrier |
| ANTENNA ID: WB1000-C3 | 0.7 meters | Raven Manufacturing | WB1000-003 |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 47.00 dBW | 160 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 47.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 41.00 dBW | 1280 KSPS QPSK, Digital Carrier (normal clear sky conditions) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 47.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 47.00 dBW | 1280 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 47.00 dBW | 2560 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 47.00 dBW | 160 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 47.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 47.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 27M0G7W | 0.00 dBW | 22.5 MSPS 8PSK, Digital Carrier |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | 0.00 dBW | 15 MSPS QPSK. Digital Carrier |
| ANTENNA ID: WB1000TF2 | 0.7 meters | Raven Manufacturing | WB1000TF2 |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 41.00 dBW | 1280 KSPS QPSK, Digital Carrier (normal clear sky conditions) |

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|-----------------------------|------------|---------------------|--|
| 29500.0000 - 30000.0000 MHz | 200KG7W | 46.30 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 46.30 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 46.30 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 46.30 dBW | 1280 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 46.30 dBW | 2560 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 46.30 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 46.30 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 46.30 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | | 15 MSPS 8PSK Digital Carrier |
| 19700.0000 - 20200.0000 MHz | 27M0G7W | | 22.5 MSPS 8PSK, Digital Carrier |
| ANTENNA ID: WB1000TF3 | 0.7 meters | Raven Manufacturing | WB1000TF3 |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 41.00 dBW | 1280 KSPS QPSK, Digital Carrier (normal clear sky conditions) |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 47.00 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 47.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 47.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 47.00 dBW | 1280 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 47.00 dBW | 2560 KSPS QPSK, Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 47.00 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 47.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 47.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | | 15 MSPS 8PSK Digital Carrier |

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|--|-------------|---------------------|--|
| 19700.0000 - 20200.0000 MHz | 27M0G7W | | 22.5 MSPS 8PSK, Digital Carrier |
| SITE ID: WB1000-TF2 | | | |
| LOCATION: (1,000 0.7m antennas), CONUS | | | |
| SITE ID: WB1000-C4 | | | |
| LOCATION: (100,000 .98 cm antennas), CONUS | | | |
| ANTENNA ID: WB1000-C4 | 0.98 meters | Raven Manufacturing | WB1098-003 |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 50.00 dBW | 1280 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 50.00 dBW | 2560 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 50.00 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 50.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 50.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | | 15 MSPS 8PSK Carrier |
| 19700.0000 - 20200.0000 MHz | 27M0G7W | | 22.5 MSPS 8PSK Carrier |
| SITE ID: WB1000-TF4 | | | |
| LOCATION: (10,000 .98 cm antennas), CONUS | | | |
| ANTENNA ID: WB1000TF4 | 0.98 meters | Raven Manufacturing | WB1098-003 |
| 29500.0000 - 30000.0000 MHz | 1M60G7W | 50.00 dBW | 1280 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 3M20G7W | 50.00 dBW | 2560 KSPS QPSK Digital Carrier |
| 29500.0000 - 30000.0000 MHz | 200KG7W | 50.00 dBW | 160 KSPS QPSK , Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 400KG7W | 50.00 dBW | 320 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 29500.0000 - 30000.0000 MHz | 800KG7W | 50.00 dBW | 640 KSPS QPSK, Digital Carrier (used under rain fade conditions only) |
| 19700.0000 - 20200.0000 MHz | 18M0G7W | | 15 MSPS 8 PSK Carrier |
| 19700.0000 - 20200.0000 MHz | 27M0G7W | | 22.5 MSPS 8 PSK Carrier |
| SITE ID: WB1000-TF3 | | | |
| LOCATION: (10,000 .7cm antennas), CONUS | | | |
| SITE ID: WB1000-C2 | | | |
| LOCATION: (200,000 .38 cm antennas) CONUS | | | |

SITE ID: WB1000-C3
LOCATION: (1,000,000 .7 cm antennas), CONUS

SITE ID: WB1000-S2
LOCATION: (100,000 .745 METER ANTENNAS), CONUS

| | | | | |
|-------------|-----------------------------|--------------|------------|--|
| ANTENNA ID: | WB1000-S2 | 0.745 meters | VISAT, INC | RA40750 |
| | 29500.0000 - 30000.0000 MHz | 1M60G7W | 47.00 dBW | 1280 KBD QPSK, DIGITAL CARRIER |
| | 29500.0000 - 30000.0000 MHz | 3M20G7W | 47.00 dBW | 2560 KBD QPSK DIGITAL CARRIER |
| | 29500.0000 - 3000.0000 MHz | 400KG7W | 47.00 dBW | 320 KBD QPSK, DIGITAL CARRIER (USED UNDER RAIN FADE CONDITIONS ONLY) |
| | 29500.0000 - 3000.0000 MHz | 800KG7W | 47.00 dBW | 640 KBD QPSK, DIGITAL CARRIER (USED UNDER RAIN FADE CONDITIONS ONLY) |
| | 19700.0000 - 20200.0000 MHz | 27M0G7W | | 22.5 MBD 8PSK, DIGITAL CARRIER |

Points of Communication:

- WB1000-C - AMC-15 - (105 W.L.)
- WB1000-C - AMC-16 - (85 W.L.)
- WB1000-C - ANIK F2 - (111.1 W.L.)
- WB1000-C - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C2 - AMC-15 - (105 W.L.)
- WB1000-C2 - AMC-16 - (85 W.L.)
- WB1000-C2 - ANIK F2 - (111.1 W.L.)
- WB1000-C2 - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C3 - AMC-15 - (105 W.L.)
- WB1000-C3 - AMC-16 - (85 W.L.)
- WB1000-C3 - ANIK F2 - (111.1 W.L.)
- WB1000-C3 - WILDBLUE 1 - (111.1 W.L.)
- WB1000-C4 - AMC-15 - (105 W.L.)
- WB1000-C4 - AMC-16 - (85 W.L.)
- WB1000-C4 - ANIK F2 - (111.1 W.L.)
- WB1000-C4 - WILDBLUE 1 - (111.1 W.L.)
- WB1000-S2 - AMC-15 - (105 W.L.)

WB1000-S2 - AMC-16 - (85 W.L.)

WB1000-S2 - ANIK-F2 - (111.1 W.L.)

WB1000-S2 - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF2 - AMC-15 - (105 W.L.)

WB1000-TF2 - AMC-16 - (85 W.L.)

WB1000-TF2 - ANIK F2 - (111.1 W.L.)

WB1000-TF2 - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF3 - AMC-15 - (105 W.L.)

WB1000-TF3 - AMC-16 - (85 W.L.)

WB1000-TF3 - ANIK F2 - (111.1 W.L.)

WB1000-TF3 - WILDBLUE 1 - (111.1 W.L.)

WB1000-TF4 - AMC-15 - (105 W.L.)

WB1000-TF4 - AMC-16 - (85 W.L.)

WB1000-TF4 - ANIK F2 - (111.1 W.L.)

WB1000-TF4 - WILDBLUE 1 - (111.1 W.L.)

SES-MOD-20110303-00241 E E970381 GUSA LICENSEE LLC
 Application for Modification 10/04/2009 - 10/04/2024
 Grant of Authority Date Effective: 08/02/2011

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

SITE ID: 1

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

| | | | | |
|--------------------|---------------------------|----------|---|-----------------------|
| ANTENNA ID: | Handheld | 0 meters | Tele Communications, Inc. for Qualcomm | handheld units |
| | 2483.5000 - 2500.0000 MHz | | 1M23G1W | CDMA / Voice and data |
| | 1610.0000 - 1618.7250 MHz | | 1M23G1W 1.00 dBW | CDMA / Voice and data |
| ANTENNA ID: | V Mobile | 0 meters | Tele Communications, Inc. for Qualcomm | Vehicular Mobile |
| | 2483.5000 - 2500.0000 MHz | | 1M23G1W | CDMA / Voice and data |
| | 1610.0000 - 1618.7250 MHz | | 1M23G1W 8.00 dBW | CDMA / Voice and data |
| ANTENNA ID: | A fixed | 0 meters | Tele Communications, Inc. for Qualcomm | Ancillary fixed |

| | | | | |
|-------------|---------------------------|------------------------------------|----------|--|
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA / Voice and data |
| | 1610.0000 - 1618.7250 MHz | 1M23G1W | 8.00 dBW | CDMA / Voice and data |
| ANTENNA ID: | Aviation 1 | ARNAV (Size: 3.93"Lx3"Wx0.88"D) | | RCOM-100 |
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/ for single-carrier AMSS |
| | 1610.0000 - 1618.7250 MHz | 1M23G1W | 2.00 dBW | Direct-sequence CDMA for single-carrier AMSS |
| ANTENNA ID: | Telemetry | VARIOUS | | SRT |
| | 1610.0000 - 1618.7250 MHz | 2M50G1D | | Direct-sequence CDMA for single-carrier telemetry data |
| ANTENNA ID: | Aviation 2 | Qualcomm (Size: 3.93"Lx3"Wx0.88"D) | | MDSS |
| | 2483.5000 - 2500.0000 MHz | 1M23G7W | | Direct-sequence CDMA for multi-carrier air-based or ground-based MSS |
| | 1610.0000 - 1618.7250 MHz | 1M23G7W | 2.00 dBW | Direct-sequence CDMA for multi-carrier air-based or ground-based MSS |
| ANTENNA ID: | Handheld 2 | Telex for Qualcomm | | GSP-1700 |
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| | 1610.0000 - 1618.7250 MHz | 1M23G1W | | CDMA/Voice and Data |
| ANTENNA ID: | V Mobile 3 | Tecom for Richardson Electronics | | Vehicular Mobile 3 |
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| | 1610.0000 - 1618.7250 MHz | 1M23G1W | 4.00 dBW | CDMA/Voice and Data |
| ANTENNA ID: | A Fixed 4 | Richardson Electronics | | Ancillary Fixed 4 |
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| | 1610.0000 - 1618.7250 MHz | 1M23G1W | 4.00 dBW | CDMA/Voice and Data |
| ANTENNA ID: | MCM-4 | Tecom for Richardson Electronics | | MCM-4 |
| | 2483.5000 - 2500.0000 MHz | 1M23G7W | | Direct-sequence CDMA for four-channel voice and data |
| | 1610.0000 - 1618.7250 MHz | 1M23G7W | 7.50 dBW | Direct-sequence CDMA for four-channel voice and data |
| ANTENNA ID: | SDVM | Tecom for Richardson Electronics | | GSP-1720 |
| | 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |

| | | | |
|---------------------------|----------|-----------|--|
| 1610.0000 - 1618.7250 MHz | 1M23G1W | 4.00 dBW | CDMA/Voice and Data |
| ANTENNA ID: V Mobile 2 | Qualcomm | | GCK-1410 |
| 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| 1610.0000 - 1618.7250 MHz | 1M23G1W | 5.00 dBW | CDMA/Voice and Data |
| ANTENNA ID: A Fixed 2 | Qualcomm | | GSP-2900 |
| 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| 1610.0000 - 1618.7250 MHz | 1M23G1W | 6.70 dBW | CDMA/Voice and Data |
| ANTENNA ID: A Fixed 3 | Ericsson | | FAU-200 |
| 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| 1610.0000 - 1618.7250 MHz | 1M23G1W | 8.00 dBW | CDMA/Voice and Data |
| ANTENNA ID: SDM | Qualcomm | | GSP-1620 |
| 2483.5000 - 2500.0000 MHz | 1M23G1W | | CDMA/Voice and Data |
| 1610.0000 - 1618.7250 MHz | 1M23G1W | 4.50 dBW | CDMA/Voice and Data |
| ANTENNA ID: PTracker | SPOT LLC | | SPOT |
| 1610.0000 - 1618.7250 MHz | 2M50G1D | -3.00 dBW | Direct-sequence CDMA for single-carrier telemetry data |

Points of Communication:

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

SES-MOD-20110509-00565 E E910548 DENALI 20020, LLC
 Application for Modification 10/04/2001 - 10/04/2011
 Grant of Authority Date Effective: 07/27/2011

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 66C TELEPORT DRIVE, OKANOGAN, BREWSTER, WA
 48 ° 8 ' 47.00 " N LAT. 119 ° 41 ' 29.00 " W LONG.

| | | | |
|-----------------------------|----------|-----------|---------|
| ANTENNA ID: 3 | 9 meters | VERTEX | 9KPK |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 73.40 dBW | DIGITAL |

| | | | |
|-----------------------------|------------|-------------|----------------------------------|
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 73.40 dBW | ANALOG |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 65.20 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 83.00 dBW | ANALOG |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 65.20 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 86.00 dBW | ANALOG |
| 11450.0000 - 12200.0000 MHz | 36M0F2D | | DIGITAL |
| 11450.0000 - 12200.0000 MHz | 36M0F3F | | ANALOG |
| ANTENNA ID: 1 | 3.5 meters | VERTEX | 3.5KPK |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 65.20 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 74.30 dBW | ANALOG |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 79.30 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 74.30 dBW | ANALOG |
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 79.30 dBW | DIGITAL |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 79.30 dBW | ANALOG |
| 11450.0000 - 12200.0000 MHz | 36M0F3F | | ANALOG |
| 10950.0000 - 11200.0000 MHz | 36M0F2D | | DIGITAL |
| 10950.0000 - 11200.0000 MHz | 36M0F3F | | ANALOG |
| 11450.0000 - 12200.0000 MHz | 36M0F2D | | DIGITAL |
| ANTENNA ID: 2 | 6.1 meters | VERTEX | 6.1KPK |
| 11450.0000 - 12200.0000 MHz | 36M0F2D | | DIGITAL |
| 11450.0000 - 12200.0000 MHz | 36M0F3F | | ANALOG |
| ANTENNA ID: BRW 73 | 3.7 meters | GLOBAL STAR | GS-370 |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 78.20 dBW | PHASE MODULATED DIGITAL SIGNALS |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | | PHASE MODULATED DIGITAL CARRIERS |
| ANTENNA ID: BRW 02B | 9 meters | VERTEX | 9KPK |

| | | | |
|-----------------------------|------------|-----------|---|
| 14000.0000 - 14500.0000 MHz | 1M00G7D | 70.08 dBW | TT&C |
| 14000.0000 - 14500.0000 MHz | 72M0F8W | 87.09 dBW | DIGITAL DATA; VIDEO; TT&C |
| 11700.0000 - 12200.0000 MHz | 1M00G7D | | TT&C |
| 11700.0000 - 12200.0000 MHz | 72M0G7W | | DIGITAL DATA; VIDEO; TT&C |
| 11700.0000 - 12200.0000 MHz | 72M0F8W | | FREQUENCY MODULATED ANALOG VIDEO AND DATA |
| 11700.0000 - 12200.0000 MHz | 72M0F7D | | FREQUENCY MODULATION DIGITAL CARRIER FOR DATA, TT&C |
| ANTENNA ID: BRW 04E | 3.5 meters | VERTEX | 3.5 KPK |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 77.02 dBW | DIGITAL DATA; VIDEO; TT&C |
| 14000.0000 - 14500.0000 MHz | 36M0F7D | 77.02 dBW | FREQUENCY MODULATED DIGITAL CARRIER FOR DATA, TT&C |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | | DIGITAL DATA; VIDEO; TT&C |
| 11700.0000 - 12200.0000 MHz | 36M0F7D | | FREQUENCY MODULATED DIGITAL CARRIER FOR DATA, TT&C |
| 11700.0000 - 12200.0000 MHz | 36M0F8W | | FREQUENCY MODULATED ANALOG VIDEO AND DATA |
| ANTENNA ID: 4BREW | 6.1 meters | VERTEX | 6.1KPK |
| 14000.0000 - 14500.0000 MHz | 72M0G7W | 80.87 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 80.87 dBW | DIGITAL DATA CARRIER |
| 14000.0000 - 14500.0000 MHz | 1M00G7D | 66.80 dBW | DIGITAL DATA CARRIER |
| 10950.0000 - 11200.0000 MHz | 1M00G7D | | DIGITAL DATA CARRIER |
| 11450.0000 - 11700.0000 MHz | 72M0G7W | | DIGITAL DATA CARRIER |
| 11450.0000 - 12200.0000 MHz | 36M0G7W | | DIGITAL DATA CARRIER |
| 11450.0000 - 11700.0000 MHz | 1M00G7D | | DIGITAL DATA CARRIER |
| 10950.0000 - 11200.0000 MHz | 72M0G7W | | DIGITAL DATA CARRIER |
| 10950.0000 - 11200.0000 MHz | 36M0G7W | | DIGITAL DATA CARRIER |

Points of Communication:

- 1 - ALSAT - (ALSAT)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - INTELSAT 805 - (304.5 E.L.)
- 1 - INTELSAT 806 - (174 E.L.)
- 1 - INTELSAT AOR - (307.0 E.L.)
- 1 - INTELSAT POR - (174.0 E.L.)
- 1 - INTELSAT POR - (176.0 E.L.)
- 1 - INTELSAT POR - (180.0 E.L.)
- 1 - New Skies 513 - (183 E.L.)
- 1 - NSS 9 - (177 W.L.)

SES-MOD-20110608-00671 E E020248 EchoStar Broadcasting Corporation
 Application for Modification 04/22/2003 - 04/22/2018
 Grant of Authority Date Effective: 07/29/2011

Class of Station: Fixed Earth Stations

Nature of Service: Other

SITE ID: BH
LOCATION: 10020 LIBERTY STREET, MEADE, BLACKHAWK, SD
 44 ° 11 ' 14.20 " N LAT. 103 ° 20 ' 7.50 " W LONG.

| ANTENNA ID: | BH8 | 8 meters | VERTEX RSI | 8M KU |
|-------------|-----------------------------|----------|----------------------|--------------------------|
| | 17790.0000 - 17800.0000 MHz | | 1M50F2D 77.20 dBW | COMMAND |
| | 17790.0000 - 17800.0000 MHz | | 800KF3D 77.20 dBW | COMMAND |
| | 17790.0000 - 17800.0000 MHz | | 1M50F3D 77.20 dBW | COMMAND |
| | 17300.0000 - 17800.0000 MHz | | 24M0G1W 77.20 dBW | DIGITAL COMPRESSED VIDEO |
| | 17300.0000 - 17310.0000 MHz | | 1M50F2D 77.20 dBW | COMMAND |
| | 17300.0000 - 17310.0000 MHz | | 800KF3D 77.20 dBW | COMMAND |
| | 17300.0000 - 17310.0000 MHz | | 1M50F3D 77.20 dBW | COMMAND |
| | 12690.0000 - 12700.0000 MHz | | 300KGXD | TELEMETRY |
| | 12690.0000 - 12700.0000 MHz | | 800KF3D | TELEMETRY |
| | 12200.0000 - 12700.0000 MHz | | 24M0G1W | DIGITAL COMPRESSED VIDEO |
| | 12200.0000 - 12210.0000 MHz | | 300KGXD | TELEMETRY |

| | | | |
|-----------------------------|-------------|------------|--------------------------|
| 12200.0000 - 12210.0000 MHz | 800KF3D | | TELEMETRY |
| ANTENNA ID: BH13 | 13.2 meters | VERTEX RSI | 13.2M KU |
| 17790.0000 - 17800.0000 MHz | 1M50F2D | 85.10 dBW | COMMAND |
| 17790.0000 - 17800.0000 MHz | 800KF3D | 82.60 dBW | COMMAND |
| 17790.0000 - 17800.0000 MHz | 1M50F3D | 85.10 dBW | COMMAND |
| 17300.0000 - 17800.0000 MHz | 24M0G1W | 85.10 dBW | DIGITAL COMPRESSED VIDEO |
| 17300.0000 - 17310.0000 MHz | 1M50F2D | 85.10 dBW | COMMAND |
| 17300.0000 - 17310.0000 MHz | 800KF3D | 82.60 dBW | COMMAND |
| 17300.0000 - 17310.0000 MHz | 1M50F3D | 85.10 dBW | COMMAND |
| 12690.0000 - 12700.0000 MHz | 300KGXD | | TELEMETRY |
| 12690.0000 - 12700.0000 MHz | 800KF3D | | TELEMETRY |
| 12200.0000 - 12700.0000 MHz | 24M0G1W | | DIGITAL COMPRESSED VIDEO |
| 12200.0000 - 12210.0000 MHz | 300KGXD | | TELEMETRY |
| 12200.0000 - 12210.0000 MHz | 800KF3D | | TELEMETRY |

Points of Communication:

- BH - ECHOSTAR 10 - (110 W.L.)
- BH - ECHOSTAR 15 - (61.55 W.L.)
- BH - ECHOSTAR 3 - (61.5 W.L.)
- BH - ECHOSTAR 4 - (77 W.L.)
- BH - ECHOSTAR 5 - (129 W.L.)
- BH - ECHOSTAR 6 - (110 W.L.)
- BH - ECHOSTAR 7 - (119 W.L.)
- BH - ECHOSTAR 8 - (110 W.L.)
- BH - RAINBOW1 - (61.5 W.L.)

SES - STA - 20110624 - 00742 E E040204 XM RADIO INC.
Special Temporary Authority
Grant of Authority

Date Effective: 07/29/2011

Class of Station:

XM Radio Inc. requests special temporary authority for 30 days commencing August 1 for its Ellenwood, Georgia earth station (Call Sign E040204) to communicate with the XM-1 (S2118) and XM-2 (S2119) spacecraft to test their performance.

Points of Communication:

SES-STA-20110720-00844 E E990143 COMTECH MOBILE DATACOM CORP.
Special Temporary Authority
Grant of Authority Date Effective: 07/29/2011

Class of Station:

"STA" extension of SES-STA-20110617-00721 is granted to use of MSAT-2 in locations other than as currently shown on the license.

Points of Communication:

SES-STA-20110728-00865 E E110095 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 07/29/2011

Class of Station:

"STA" granted to Intelsat License LLC for a period of 30 days from August 1, 2011 to August 31, 2011 to utilize its recently-licensed Fort Meade, Maryland Ku-band earth station E110095 with a minor change in the licensed parameters.

Points of Communication:

SES-STA-20110729-00867 E E980493 AT&T Corp.
Special Temporary Authority
Grant of Authority Date Effective: 08/02/2011

Class of Station:

"STA" has been granted for a period of 60 days from August 5, 2011 through October 4, 2011. Underlying application SES-MOD-20110728-00866, E980493 to add a 16.4 meter C-band T/R earth station has been accepted for filing.

Points of Communication:

SES-T/C-20110608-00684 E E040383 Verizon Communications Inc.
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 08/01/2011

Current Licensee: Terremark Worldwide

FROM: TERREMARK WORLDWIDE

TO: Verizon Communications Inc.

No. of Station(s) listed: 1

SES-T/C-20110711-00808 E E4309 Reuters America LLC
Application for Consent to Transfer of Control
Grant of Authority Date Effective: 07/28/2011

Current Licensee: Reuters America LLC

FROM: THE WOODBRIDGE COMPANY LIMITED

TO: The Woodbridge Company Limited

No. of Station(s) listed: 3

Dismissal

SES-STA-20110527-00642 E110092 Digital Latin America, LLC

STA has been dismissed, the underlying application SES-LIC-20110527-00641, E110092 has been granted.

SURRENDER

SES-LIC-20040427-00593 E040197 RAYTHEON COMPANY

License has been surrendered per letter filed on July 24, 2011.

SES-LIC-20040427-00594 E040198 RAYTHEON COMPANY

License has been surrendered per letter filed on July 24, 2011.

SES-LIC-20040428-00601 E040203 RAYTHEON COMPANY

License has been surrendered per letter filed on July 24, 2011.

SES-LIC-20040505-00642 E040214 RAYTHEON COMPANY

License has been surrendered per letter filed on July 24, 2011.

SES-RWL-20010518-00955 E3259 Comcast of Colorado/Pennsylvania/West Virginia, LLC

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010611-01071 E3328 Comcast of Massachusetts I, Inc.

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010618-01191 E3466 Comcast of Georgia/Massachusetts, Inc.

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010619-01146 E3534 Comcast of Connecticut/Georgia/Massachusetts/New Hampshire/New York/North Caroli

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010702-01242 E3362 Comcast of New York, LLC

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010709-01277 WK30 Comcast of Illinois/West Virginia, LLC

Licensee has been surrendered per letter filed on July 26, 2011.

SES-RWL-20010710-01289 WK31 COMCAST OF HOWARD COUNTY, LLC

License has been surrendered per letter filed on July 26, 2011.

SES-RWL-20020204-00124 WQ35 ESPN, Inc

License has been surrendered per letter filed on August 1, 2011.

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