



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SES-01864

Wednesday June 29, 2016

## Satellite Communications Services Information re: Actions Taken

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

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SES-AMD-20160620-00557    E E160064    The Boeing Company  
Amendment  
Withdrawn    Date Effective: 06/23/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: Processing Control Center (PCC) K6-1024, Brevard, Kennedy Space Center, FL  
28 ° 35 ' 0.00 " N LAT.    80 ° 39 ' 13.00 " W LONG.

ANTENNA ID: 1    3.8 meters    GD    Prodelin 1385, 3.8m  
14000.0000 - 14500.0000 MHz    1M00G7D    62.50 dBW    Angle-modulated, phase modulation;  
Data  
11700.0000 - 12200.0000 MHz    1M00G7D    Angle-modulated, phase modulation;  
Data

**Points of Communication:**

1 - GALAXY 17 (S2715) - (91 W.L.)

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SES-LIC-20160317-00246    E E160033    Spire Global, Inc.  
Application for Authority    06/22/2016 - 06/22/2031  
Grant of Authority    Date Effective: 06/22/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

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SITE ID: COGS  
LOCATION: 3060 Flying View (COGS), El Paso, Ellicott, CO  
38 ° 52 ' 25.58 " N LAT. 104 ° 24 ' 26.10 " W LONG.

|             |                           |             |                    |   |
|-------------|---------------------------|-------------|--------------------|---|
| ANTENNA ID: | UHF-1                     | 1.85 meters | M2 Antenna Systems | 401CP14                                 |
|             | 402.0000 - 403.0000 MHz   |             | 15K0F1D 31.50 dBW  | Command                                 |
|             | 402.0000 - 403.0000 MHz   |             | 15K0F1D 0.00 dBW   | Telemetry and Tracking and Digital Data |
| ANTENNA ID: | SBAND-1                   | 1.2 meters  | ARA - Seavey       | C1502-800                               |
|             | 2020.0000 - 2025.0000 MHz |             | 250KG1D 0.00 dBW   | Digital Data                            |

**Points of Communication:**

COGS - LEMUR Phase I - (NGSO)

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**SES-LIC-20160317-00247** E E160032 Spire Global, Inc.  
Application for Authority 06/22/2016 - 06/22/2031  
Grant of Authority Date Effective: 06/22/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service

SITE ID: CTGS  
LOCATION: 155 Locust Street (CTGS), Hartford, Hartford, CT  
41 ° 44 ' 42.27 " N LAT. 72 ° 39 ' 54.66 " W LONG.

|             |                         |             |                    |   |
|-------------|-------------------------|-------------|--------------------|---|
| ANTENNA ID: | UHF-1                   | 1.85 meters | M2 Antenna Systems | 401CP14                                 |
|             | 402.0000 - 403.0000 MHz |             | 15K0F1D 31.50 dBW  | Command                                 |
|             | 402.0000 - 403.0000 MHz |             | 15K0F1D 0.00 dBW   | Telemetry and Tracking and Digital Data |

**Points of Communication:**

CTGS - LEMUR Phase I - (NGSO)

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**SES-LIC-20160317-00257** E E160043 Spire Global, Inc.  
Application for Authority 06/23/2016 - 06/23/2031  
Grant of Authority Date Effective: 06/23/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service, Other

SITE ID: SFGS  
LOCATION: 466 8th Street, San Francisco, San Francisco, CA  
37 ° 46 ' 22.15 " N LAT. 122 ° 24 ' 27.80 " W LONG.

|             |       |             |                    |         |
|-------------|-------|-------------|--------------------|---------|
| ANTENNA ID: | UHF-1 | 1.85 meters | M2 Antenna Systems | 401CP14 |
|-------------|-------|-------------|--------------------|---------|

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|                           |            |              |   |
|---------------------------|------------|--------------|---|
| 402.0000 - 403.0000 MHz   | 15K0F1D    | 31.50 dBW    | command   |
| 402.0000 - 403.0000 MHz   | 15K0F1D    | 0.00 dBW     | Digital/Backup Data Downlink,<br>telemetry and tracking |
| ANTENNA ID: SBAND-1       | 1.2 meters | ARA - Seavey | C1502-800   |
| 2020.0000 - 2025.0000 MHz | 250KG1D    | 0.00 dBW     | Digital Data  |

**Points of Communication:**

SFGS - LEMUR Phase I - (NGSO)

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**SES-LIC-20160317-00258** E E160044 Spire Global, Inc.  
 Application for Authority 06/23/2016 - 06/23/2031  
 Grant of Authority Date Effective: 06/23/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Earth Exploration Satellite Service, Other

SITE ID: VIGS  
 LOCATION: 23 Estate Northside, N/A, Saint Croix, VI  
 17 ° 45 ' 43.12 " N LAT. 64 ° 53 ' 6.01 " W LONG.

|                           |             |                    |   |
|---------------------------|-------------|--------------------|---|
| ANTENNA ID: UHF-1         | 1.85 meters | M2 Antenna Systems | 401CP14   |
| 402.0000 - 403.0000 MHz   | 15K0F1D     | 31.50 dBW          | command   |
| 402.0000 - 403.0000 MHz   | 15K0F1D     | 0.00 dBW           | Digital/Backup Data Downlink,<br>telemetry and tracking |
| ANTENNA ID: SBAND-1       | 1.2 meters  | ARA - Seavey       | C1502-800   |
| 2020.0000 - 2025.0000 MHz | 250KG1D     | 0.00 dBW           | Digital data  |

**Points of Communication:**

VIGS - LEMUR Phase I - (NGSO)

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**SES-LIC-20160426-00373** E E160070 The Boeing Company  
 Application for Authority 06/22/2016 - 06/22/2031  
 Grant of Authority Date Effective: 06/22/2016

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

**Nature of Service:** Fixed Satellite Service

SITE ID: DA-120  
 LOCATION: Various, Various, Various  
 0 ° 0 ' 0.00 " N LAT. 0 ° 0 ' 0.00 " W LONG.

|                    |            |         |        |
|--------------------|------------|---------|--------|
| ANTENNA ID: DA-120 | 1.2 meters | Swedish | DA-120 |
|--------------------|------------|---------|--------|

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|                             |         |           |  |
|-----------------------------|---------|-----------|--|
| 14000.0000 - 14500.0000 MHz | 5M00G7D | 55.36 dBW | Angle-modulated, phase modulation;<br>Data |
|-----------------------------|---------|-----------|--|

|                             |         |  |  |
|-----------------------------|---------|--|--|
| 11700.0000 - 12200.0000 MHz | 5M00G7D |  | Angle-modulated, phase modulation;<br>Data |
|-----------------------------|---------|--|--|

**Points of Communication:**

DA-120 - GALAXY 17 (S2715) - (91 W.L.)

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**SES-MFS-20160222-00152** E WA28 Comsat, Inc.

Modification

04/08/2003 - 04/08/2018

Grant of Authority

Date Effective: 06/27/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service, Feeder Link for Mobile Satellite Service, Mobile Satellite Service

SITE ID: 21CTTC/HUB

LOCATION: 2120 RIVER ROAD (12.8M.)-C-BAND/L-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.10 " N LAT. 73 ° 17 ' 20.87 " W LONG.

ANTENNA ID: 21CTTC 12.8 meters PHILCO FORD 12.8M.

|                           |         |           |  |
|---------------------------|---------|-----------|--|
| 5925.0000 - 6425.0000 MHz | 36M0F8W | 86.50 dBW | ANALOG CARRIER TO MONITOR<br>TRANSPONDER PERFORMANCE |
|---------------------------|---------|-----------|--|

SITE ID: 21CNORM

LOCATION: 2120 RIVER ROAD (12.8M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.10 " N LAT. 73 ° 17 ' 20.90 " W LONG.

ANTENNA ID: 21CNORM 12.8 meters PHILCO FORD 12.8M.

|                           |         |           |   |
|---------------------------|---------|-----------|---|
| 6454.4000 - 6456.6000 MHz | 2M20G1D | 80.70 dBW | BPSK SPREAD SPECTRUM DATA<br>(NAVIGATION) |
|---------------------------|---------|-----------|---|

|                           |         |           |   |
|---------------------------|---------|-----------|---|
| 6424.0000 - 6454.0000 MHz | 34K0F3E | 62.00 dBW | FM TELEPHONY COMPANDED AND<br>UNCOMPANDED |
|---------------------------|---------|-----------|---|

|                           |     |           |                                       |
|---------------------------|-----|-----------|---------------------------------------|
| 6424.0000 - 6454.0000 MHz | NON | 62.00 dBW | UNMODULATED AFC PILOT<br>(CLOSE LOOP) |
|---------------------------|-----|-----------|---------------------------------------|

|                           |         |           |                                 |
|---------------------------|---------|-----------|---------------------------------|
| 6424.0000 - 6454.0000 MHz | 27K0F3W | 62.00 dBW | FM9 ANALOG BROADCAST<br>CARRIER |
|---------------------------|---------|-----------|---------------------------------|

|                           |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| 6424.0000 - 6454.0000 MHz | 40K0G1F | 62.00 dBW | QPSK, DIGITAL VIDEO/DATA |
|---------------------------|---------|-----------|--------------------------|

|                           |         |           |                          |
|---------------------------|---------|-----------|--------------------------|
| 6424.0000 - 6454.0000 MHz | 40K0G1D | 63.30 dBW | 16 QAM DIGITAL TELEPHONY |
|---------------------------|---------|-----------|--------------------------|

|                           |     |           |                      |
|---------------------------|-----|-----------|----------------------|
| 5927.0000 - 5927.0000 MHz | NON | 53.30 dBW | TT&C RANGING CARRIER |
|---------------------------|-----|-----------|----------------------|

|                           |         |           |                 |
|---------------------------|---------|-----------|-----------------|
| 6424.0000 - 6454.0000 MHz | 5K60G1E | 54.80 dBW | QPSK, TELEPHONY |
|---------------------------|---------|-----------|-----------------|

|                           |         |           |                 |
|---------------------------|---------|-----------|-----------------|
| 6424.0000 - 6454.0000 MHz | 24K0G1E | 61.10 dBW | QPSK, TELEPHONY |
|---------------------------|---------|-----------|-----------------|

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|                           |         |           |  |
|---------------------------|---------|-----------|--|
| 6424.0000 - 6454.0000 MHz | 5K60G1W | 54.80 dBW | QPSK, DATA/FAX   |
| 6424.0000 - 6454.0000 MHz | 2M20G1D | 62.00 dBW | BPSK, DATA/TDM   |
| 6424.0000 - 6454.0000 MHz | 2K40G7D | 51.10 dBW | BPSK, DATA/TDM   |
| 6424.0000 - 6454.0000 MHz | 2K40G1D | 51.10 dBW | BPSK, DATA/TDM   |
| 6424.0000 - 6454.0000 MHz | 24K0G1W | 61.10 dBW | QPSK, DATA/FAX   |
| 6424.0000 - 6454.0000 MHz | 132KG7D | 62.00 dBW | BPSK, DATA/TDM   |
| 6425.0000 - 6454.0000 MHz | 7K50G1W | 58.40 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 7K50G1E | 62.20 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 7K50G1D | 59.10 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 60K0D1W | 65.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1W | 51.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1E | 51.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1D | 61.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 45K0G7D | 66.00 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 2K50G1D | 65.70 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 2K50F1D | 58.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 20K0G1E | 56.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 17K5G1D | 61.40 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 10K0G1X | 61.20 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 10K0G1W | 59.70 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 100KG1X | 60.80 dBW | DIGITAL DATA   |
| 3700.0000 - 4200.0000 MHz | 36M0F8W |           | TEST ANALOG CARRIER TO<br>MONITOR TRANSPONDER<br>PERFORMANCE |
| 3600.0000 - 3629.0000 MHz | 2M20G1D |           | BPSK SPREAD SPECTRUM<br>DATA-NAVIGATION CLOSE LOOP           |
| 3600.0000 - 3629.0000 MHz | 34K0F3E |           | FM TELEPHONY COMPANDED AND<br>UNCOMPANDED                    |

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|                           |         |                                       |
|---------------------------|---------|---------------------------------------|
| 3947.0000 - 3953.0000 MHz | 131KG2D | PCM/PSK/BI-PHASE TRACKING<br>BEACON   |
| 3600.0000 - 3629.0000 MHz | NON     | UNMODULATED AFC PILOT<br>(CLOSE LOOP) |
| 3600.0000 - 3629.0000 MHz | 40K0G1W | 16 QAM, DIGITAL TELEPHONY             |
| 3600.0000 - 3629.0000 MHz | 400KG1F | QPSK, DIGITAL VIDEO/DATA              |
| 3600.0000 - 3629.0000 MHz | 5K60G1E | QPSK, TELEPHONY                       |
| 3600.0000 - 3629.0000 MHz | 24K0G1E | QPSK, TELEPHONY                       |
| 3600.0000 - 3629.0000 MHz | 5K60G1W | QPSK, DATA/FAX                        |
| 3600.0000 - 3629.0000 MHz | 2K40G7D | BPSK, DATA/TDM                        |
| 3600.0000 - 3629.0000 MHz | 24K0G1W | QPSK, DATA/FAX                        |
| 3600.0000 - 3629.0000 MHz | 132KG7D | BPSK, DATA/TDM                        |
| 3600.0000 - 3629.0000 MHz | 7K50G1W | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 7K50G1E | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 7K50G1D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 60K0D1W | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 5K00G1W | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 5K00G1E | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 5K00G1D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 45K0G7D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 2K50G1D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 2K50F1D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 20K0G1X | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 20K0G1E | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 17K5G1D | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 10K0G1W | DIGITAL DATA                          |
| 3600.0000 - 3629.0000 MHz | 100KG1X | DIGITAL DATA                          |

|   |             |                           |                                |
|---|-------------|---------------------------|--------------------------------|
| 3600.0000 - 3629.0000 MHz                                   | 2M20G1D     |                           | BPSK, DATA                     |
| 3600.0000 - 3629.0000 MHz                                   | 2K40G1D     |                           | BPSK, DATA                     |
| SITE ID: 1  |             |                           |                                |
| LOCATION: 2120 RIVER ROAD (12.8M.), NEW HAVEN, SOUTHURY, CT |             |                           |                                |
| 41 ° 27 ' 5.00 " N LAT.                                     |             | 73 ° 17 ' 21.00 " W LONG. |                                |
| ANTENNA ID: 12.8M.  | 12.8 meters | PHILCO-FORD               | 42 FOOT                        |
| 6454.4000 - 6456.6000 MHz                                   | 600HG1D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 600HG2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 1K20G2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 2K40G2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 10K5G2F     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 2M20G1D     | 78.00 dBW                 | DIGITAL CARRIER                |
| 6454.4000 - 6456.6000 MHz                                   | 2M20G1D     | 82.30 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 1K20G1D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 600HG1D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 600HG2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 1K20G2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 2K40G2D     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 10K5G2F     | 44.50 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 2M20G1D     | 78.00 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6454.0000 MHz                                   | 2M20G1D     | 82.30 dBW                 | DIGITAL CARRIER                |
| 6425.0000 - 6443.0000 MHz                                   | 6K00G1D     |                           | Feeder link for INMARSAT-B & M |
| 6425.0000 - 6443.0000 MHz                                   | 12K0G3E     |                           | Feeder link for INMARSAT-B & M |
| 6425.0000 - 6443.0000 MHz                                   | 12K0G1D     |                           | Feeder link for INMARSAT-B & M |
| 6425.0000 - 6443.0000 MHz                                   | 7K50G3E     |                           | Feeder link for INMARSAT-B & M |
| 6425.0000 - 6443.0000 MHz                                   | 4K00G3E     |                           | Feeder link for INMARSAT-B & M |
| 6425.0000 - 6443.0000 MHz                                   | 4K00G1D     |                           | Feeder link for INMARSAT-B & M |

|                           |         |           |  |
|---------------------------|---------|-----------|--|
| 6420.0000 - 6424.0000 MHz | 6K00G1D |           | Feeder link for INMARSAT-B & M         |
| 6420.0000 - 6424.0000 MHz | 12K0G3E |           | Feeder link for INMARSAT-B & M         |
| 6420.0000 - 6424.0000 MHz | 12K0G1D |           | Feeder link for INMARSAT-B & M         |
| 6420.0000 - 6424.0000 MHz | 7K50G3E |           | Feeder link for INMARSAT-B & M         |
| 6420.0000 - 6424.0000 MHz | 4K00G3E |           | Feeder link for INMARSAT-B & M         |
| 6420.0000 - 6424.0000 MHz | 4K00G1D |           | Feeder link for INMARSAT-B & M         |
| 6417.5000 - 6443.0000 MHz | 600HG1D | 65.00 dBW | Aeronautical Digital transmit channels |
| 6417.5000 - 6443.0000 MHz | 1K20G1D | 65.00 dBW | Aeronautical Digital transmit channels |
| 6417.5000 - 6443.0000 MHz | 2K40G1D | 65.00 dBW | Aeronautical Digital transmit channels |
| 6417.5000 - 6443.0000 MHz | 10K5G1E | 69.20 dBW | Aeronautical Digital transmit channels |
| 6417.5000 - 6440.0000 MHz | 30K0F3E | 77.00 dBW | STD A VOICE                            |
| 6417.5000 - 6440.0000 MHz | 1K20G1D | 77.00 dBW | STD A Telex                            |
| 6417.5000 - 6440.0000 MHz | 600HG1D | 77.00 dBW | STD-C Digital                          |
| 6417.5000 - 6440.0000 MHz | 1K20G1D | 77.00 dBW | STD-C Digital                          |
| 6417.5000 - 6440.0000 MHz | NON     | 77.00 dBW | PILOT                                  |
| 4195.0000 - 4199.0000 MHz | 3K00G1D |           | Feeder link for INMARSAT-B & M         |
| 4195.0000 - 4199.0000 MHz | 12K0G3E |           | Feeder link for INMARSAT-B & M         |
| 4195.0000 - 4199.0000 MHz | 12K0G1D |           | Feeder link for INMARSAT-B & M         |
| 4195.0000 - 4199.0000 MHz | 7K50G3E |           | Feeder link for INMARSAT-B & M         |
| 4195.0000 - 4199.0000 MHz | 4K00G3E |           | Feeder link for INMARSAT-B & M         |
| 4195.0000 - 4199.0000 MHz | 4K00G1D |           | Feeder link for INMARSAT-B & M         |
| 3600.0000 - 3629.0000 MHz | 2M20G1D | 0.00 dBW  | DIGITAL CARRIER                        |
| 3600.0000 - 3623.0000 MHz | 3K00G1D |           | Feeder link for INMARSAT-B & M         |
| 3600.0000 - 3623.0000 MHz | 12K0G3E |           | Feeder link for INMARSAT-B & M         |
| 3600.0000 - 3623.0000 MHz | 120KG1D |           | Feeder link for INMARSAT-B & M         |
| 3600.0000 - 3623.0000 MHz | 7K50G3E |           | Feeder link for INMARSAT-B & M         |



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|                           |         |           |                                |
|---------------------------|---------|-----------|--------------------------------|
| 3600.0000 - 3623.0000 MHz | 4K00G3E |           | Feeder link for INMARSAT-B & M |
| 3600.0000 - 3623.0000 MHz | 4K00G1D |           | Feeder link for INMARSAT-B & M |
| 3600.0000 - 3623.0000 MHz | 10K5G1E |           | AERO                           |
| 3600.0000 - 3623.0000 MHz | 1K20G1D |           | AERO                           |
| 3600.0000 - 3623.0000 MHz | 600HG1D |           | AERO                           |
| 3600.0000 - 3623.0000 MHz | 2K40G1D |           | AERO                           |
| 3600.0000 - 3620.0000 MHz | 30K0F3E |           | STD A VOICE                    |
| 3600.0000 - 3620.0000 MHz | 4K80G1D |           | STD A TELEX                    |
| 3600.0000 - 3620.0000 MHz | NON     |           | PILOT                          |
| 3600.0000 - 3620.0000 MHz | 1K20G1D |           | STD-C                          |
| 3600.0000 - 3620.0000 MHz | 600HG1D |           | STD-C                          |
| 1626.5000 - 1660.5000 MHz | 24K0F3E | 36.00 dBW | ANALOG CARRIER                 |
| 1626.5000 - 1660.5000 MHz | NON     | 31.00 dBW | PILOT                          |
| 1626.5000 - 1660.5000 MHz | 24K0G2D | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1660.5000 MHz | 1K20G1D | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1660.5000 MHz | 600HG1D | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1660.5000 MHz | 600HG2D | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1660.5000 MHz | 1K20G2D | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1660.5000 MHz | 10K5G2F | 36.00 dBW | DIGITAL CARRIER                |
| 1626.5000 - 1649.5000 MHz | 600HG1D | 15.00 dBW | AERO                           |
| 1626.5000 - 1649.5000 MHz | 1K20G1D | 18.00 dBW | AERO                           |
| 1626.5000 - 1649.5000 MHz | 2K40G1D | 21.00 dBW | AERO                           |
| 1626.5000 - 1649.5000 MHz | 10K5G1E | 31.20 dBW | AERO                           |
| 1626.5000 - 1647.5000 MHz | 30K0F3E | 37.00 dBW | STD A VOICE                    |
| 1626.5000 - 1647.5000 MHz | NON     | 37.00 dBW | PILOT                          |
| 1626.5000 - 1647.5000 MHz | 1K20G1D | 16.00 dBW | STD-C                          |

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|                           |         |           |                 |
|---------------------------|---------|-----------|-----------------|
| 1626.5000 - 1647.5000 MHz | 600HG1D | 16.00 dBW | STD-C           |
| 1626.5000 - 1647.5000 MHz | 4K80G1D | 37.00 dBW | STD A TELEX     |
| 1574.4000 - 1576.6000 MHz | 2K40G2D |           | DIGITAL CARRIER |
| 1574.4000 - 1576.6000 MHz | 1K20G1D |           | DIGITAL CARRIER |
| 1574.4000 - 1576.6000 MHz | 600HG1D |           | DIGITAL CARRIER |
| 1574.4000 - 1576.6000 MHz | 600HG2D |           | DIGITAL CARRIER |
| 1574.4000 - 1576.6000 MHz | 1K20G2D |           | DIGITAL CARRIER |
| 1574.4000 - 1576.6000 MHz | 10K5G2F |           | DIGITAL CARRIER |
| 1530.0000 - 1548.0000 MHz | 10K5G1E |           | AERO            |
| 1530.0000 - 1548.0000 MHz | 2K40G1D |           | AERO            |
| 1530.0000 - 1548.0000 MHz | 1K20G1D |           | AERO            |
| 1530.0000 - 1548.0000 MHz | 600HG1D |           | AERO            |
| 1530.0000 - 1545.0000 MHz | 30K0F3E |           | STD A VOICE     |
| 1530.0000 - 1545.0000 MHz | NON     |           | PILOT           |
| 1530.0000 - 1545.0000 MHz | 1K20G1D |           | STD A TELEX     |
| 1530.0000 - 1545.0000 MHz | 1K20G1D |           | STD-C           |
| 1530.0000 - 1545.0000 MHz | 600HG1D |           | STD-C           |
| 1525.0000 - 1559.0000 MHz | 2K40G2D | 0.00 dBW  | DIGITAL CARRIER |
| 1525.0000 - 1559.0000 MHz | 1K20G1D |           | DIGITAL CARRIER |
| 1525.0000 - 1559.0000 MHz | 600HG1D |           | DIGITAL CARRIER |
| 1525.0000 - 1559.0000 MHz | 600HG2D |           | DIGITAL CARRIER |
| 1525.0000 - 1559.0000 MHz | 1K20G2D |           | DIGITAL CARRIER |
| 1525.0000 - 1559.0000 MHz | 10K5G2F |           | DIGITAL CARRIER |
| 3600.0000 - 3629.0000 MHz | 100KG1X |           | DIGITAL DATA    |
| 3600.0000 - 3629.0000 MHz | 10K0G1W |           | DIGITAL DATA    |
| 3600.0000 - 3629.0000 MHz | 17K5G1D |           | DIGITAL DATA    |

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|                           |         |           |              |
|---------------------------|---------|-----------|--------------|
| 3600.0000 - 3629.0000 MHz | 20K0G1E |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 20K0G1X |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 2K50F1D |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 2K50G1D |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 45K0G7D |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 5K00G1D |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 5K00G1E |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 5K00G1W |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 60K0D1W |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 7K50G1D |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 7K50G1E |           | DIGITAL DATA |
| 3600.0000 - 3629.0000 MHz | 7K50G1W |           | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 100KG1X | 60.80 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 10K0G1W | 59.70 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 10K0G1X | 61.20 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 17K5G1D | 61.40 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 20K0G1E | 56.80 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 2K50F1D | 58.80 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 2K50G1D | 65.70 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 45K0G7D | 66.00 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 5K00G1D | 61.80 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 5K00G1E | 51.90 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 5K00G1W | 51.90 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 60K0D1W | 65.90 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 7K50G1D | 59.10 dBW | DIGITAL DATA |
| 6425.0000 - 6454.0000 MHz | 7K50G1E | 62.20 dBW | DIGITAL DATA |

|  |             |                           |  |
|--|-------------|---------------------------|--|
| 6425.0000 - 6454.0000 MHz  | 7K50G1W     | 58.40 dBW                 | DIGITAL DATA                                   |
| SITE ID: 21LBAND   |             |                           |  |
| LOCATION: 2120 RIVER ROAD (12.8M.)-L-BAND, NEW HAVEN, SOUTHURY, CT |             |                           |  |
| 41 ° 27 ' 4.10 " N LAT.  |             | 73 ° 17 ' 20.97 " W LONG. |  |
| ANTENNA ID: 21LBAND  | 12.8 meters | PHILCO FORD               | 12.8M.   |
| 1626.5000 - 1660.5000 MHz  | 34K0F3E     | 36.00 dBW                 | TEST FM, TELEPHONY<br>COMPANDED OR UNCOMPANDED |
| 1626.5000 - 1660.5000 MHz  | NON         | 40.50 dBW                 | UNMODULATED AFC PILOT (CLOSE<br>LOOP)          |
| 1626.5000 - 1660.5000 MHz  | 40K0G1W     | 48.20 dBW                 | TEST 16 QAM DIGITAL TELEPHONY                  |
| 1626.5000 - 1660.5000 MHz  | 400KG1F     | 36.00 dBW                 | TEST QPSK DIGITAL VIDEO/DATA                   |
| 1626.5000 - 1660.5000 MHz  | 5K60G1E     | 36.00 dBW                 | TEST QPSK, TELEPHONY                           |
| 1626.5000 - 1660.5000 MHz  | 2K40G7D-    | 36.00 dBW                 | TEST BPSK, DATA/TDM                            |
| 1626.5000 - 1660.5000 MHz  | 24K0G1E     | 36.00 dBW                 | TEST QPSK, TELEPHONY                           |
| 1626.5000 - 1660.5000 MHz  | 5K60G1W     | 36.00 dBW                 | TEST QPSK, DATA/FAX                            |
| 1626.5000 - 1660.5000 MHz  | 2K40G1W     | 36.00 dBW                 | TEST QPSK, DATA/FAX                            |
| 1626.5000 - 1660.5000 MHz  | 132KG7D     | 36.00 dBW                 | TEST BPSK, DATA/TDM                            |
| 1626.5000 - 1660.5000 MHz  | 2M20G1D     | 36.00 dBW                 | TEST BPSK, DATA                                |
| 1626.5000 - 1660.5000 MHz  | 2K40G1D     | 36.00 dBW                 | TEST BPSK, DATA                                |
| 1574.4000 - 1576.6000 MHz  | 2M20G1D     |                           | TEST BPSK SPREAD SPECTRUM<br>DATA- CLOSE LOOP  |
| 1525.0000 - 1559.0000 MHz  | 34K0F3E     |                           | TEST FM, TELEPHONY<br>COMPANDED OR UNCOMPANDED |
| 1525.0000 - 1559.0000 MHz  | 2M20G1D     |                           | TEST BPSK SPREAD SPECTRUM<br>DATA- CLOSE LOOP  |
| 1525.0000 - 1559.0000 MHz  | NON         |                           | UNMODULATED AFC PILOT (CLOSE<br>LOOP)          |
| 1525.0000 - 1559.0000 MHz  | 40K0G1W     |                           | TEST 16 QAM DIGITAL TELEPHONY                  |
| 1525.0000 - 1559.0000 MHz  | 400KG1F     |                           | TEST QPSK DIGITAL VIDEO/DATA                   |
| 1525.0000 - 1559.0000 MHz  | 5K60G1E     |                           | TEST QPSK, TELEPHONY                           |
| 1525.0000 - 1559.0000 MHz  | 24K0G1E     |                           | TEST QPSK, TELEPHONY                           |

|                           |         |                     |
|---------------------------|---------|---------------------|
| 1525.0000 - 1559.0000 MHz | 5K60G1W | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 2K40G7D | TEST BPSK, DATA/TDM |
| 1525.0000 - 1559.0000 MHz | 2K40G1W | TEST QPSK, DATA/FAX |
| 1525.0000 - 1559.0000 MHz | 132KG7D | TEST BPSK, DATA/TDM |
| 1525.0000 - 1559.0000 MHz | 2M20G1D | TEST BPSK, DATA     |
| 1525.0000 - 1559.0000 MHz | 2K40G1D | TEST BPSK, DATA     |

SITE ID: 23ACTTC  
LOCATION: 2120 RIVER ROAD (10.4M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.50 " W LONG.

|                           |             |             |  |
|---------------------------|-------------|-------------|--|
| ANTENNA ID: 23ACTTC       | 10.4 meters | PHILCO FORD | 10.4M.   |
| 5925.0000 - 6425.0000 MHz | 36M0F8W     | 86.50 dBW   | TEST ANALOG CARRIER TO MONITOR TRANSPONDER PERFORMANCE |

SITE ID: 23ACNOR  
LOCATION: 2120 RIVER ROAD (10.4M.)-C-BAND, NEW HAVEN, SOUTHURY, CT  
41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.00 " W LONG.

|                           |             |             |  |
|---------------------------|-------------|-------------|--|
| ANTENNA ID: 23ACNOR       | 10.4 meters | PHILCO FORD | 10.4M.                                 |
| 6454.4000 - 6456.6000 MHz | 2M20G1D     | 73.50 dBW   | BPSK SPREAD SPECTRUM DATA (NAVIGATION) |
| 6424.0000 - 6454.0000 MHz | 34K0F3E     | 59.50 dBW   | FM TELEPHONY COMPANDED AND UNCOMPANDED |
| 6424.0000 - 6454.0000 MHz | 27K0F3W     | 59.50 dBW   | FM9 ANALOG BROADCAST CARRIER           |
| 6424.0000 - 6454.0000 MHz | 400KG1F     | 59.50 dBW   | QPSK, DIGITAL VIDEO/DATA               |
| 6424.0000 - 6454.0000 MHz | 40K0G1W     | 60.80 dBW   | 16 QAM DIGITAL TELEPHONY               |
| 6424.0000 - 6454.0000 MHz | NON         | 59.50 dBW   | UNMODULATED AFC PILOT                  |
| 5927.0000 - 5927.0000 MHz | NON         | 50.80 dBW   | TT&C RANGING CARRIER                   |
| 6424.0000 - 6454.0000 MHz | 5K60G1E     | 53.20 dBW   | QPSK, TELEPHONY                        |
| 6424.0000 - 6454.0000 MHz | 24K0G1E     | 58.60 dBW   | QPSK, TELEPHONY                        |
| 6424.0000 - 6454.0000 MHz | 5K60G1W     | 52.30 dBW   | QPSK, DATA/FAX                         |
| 6424.0000 - 6454.0000 MHz | 2K40G7D     | 48.60 dBW   | BPSK, DATA/TDM                         |

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|                           |         |           |  |
|---------------------------|---------|-----------|--|
| 6424.0000 - 6454.0000 MHz | 24K0G1W | 58.60 dBW | QPSK, DATA/FAX   |
| 6424.0000 - 6454.0000 MHz | 132KG7D | 59.50 dBW | BPSK, DATA/TDM   |
| 6425.0000 - 6454.0000 MHz | 7K50G1W | 58.40 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 7K50G1E | 62.20 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 7K50G1D | 59.10 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 60K0D1W | 65.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1W | 51.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1E | 51.90 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 5K00G1D | 61.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 45K0G7D | 66.00 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 2K50G1D | 65.70 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 2K50F1D | 58.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 20K0G1E | 56.80 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 17K5G1D | 61.40 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 10K0G1X | 61.20 dBW | DIGITAL DATA   |
| 6424.0000 - 6454.0000 MHz | 2M20G1D | 71.70 dBW | BPSK, DATA   |
| 6425.0000 - 6454.0000 MHz | 10K0G1W | 59.70 dBW | DIGITAL DATA   |
| 6425.0000 - 6454.0000 MHz | 100KG1X | 60.80 dBW | DIGITAL DATA   |
| 6424.0000 - 6454.0000 MHz | 2K40G1D | 48.60 dBW | BPSK, DATA   |
| 3700.0000 - 4200.0000 MHz | 36M0F8W |           | TEST ANALOG CARRIER TO<br>MONITOR TRANSPONDER<br>PERFORMANCE |
| 3600.0000 - 3629.0000 MHz | 34K0F3E |           | FM TELEPHONY COMPANDED AND<br>UNCOMPANDED                    |
| 3600.0000 - 3629.0000 MHz | 2M20G1D |           | BPSK SPREAD SPECTRUM DATA<br>(NAVIGATION)                    |
| 3947.0000 - 3953.0000 MHz | 131KG2D |           | PCM/PSK/BI-PHASE TRACKING<br>BEACON                          |
| 3600.0000 - 3629.0000 MHz | 400KG1F |           | QPSK, DIGITAL VIDEO/DATA                                     |

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|                           |          |                          |
|---------------------------|----------|--------------------------|
| 3600.0000 - 3629.0000 MHz | 40K0G1W  | 16 QAM DIGITAL TELEPHONY |
| 3600.0000 - 3629.0000 MHz | NON      | UNMODULATED AFC PILOT    |
| 3600.0000 - 3629.0000 MHz | 5K60G1E  | QPSK, TELEPHONY          |
| 3600.0000 - 3629.0000 MHz | 24K0G1E  | QPSK, TELEPHONY          |
| 3600.0000 - 3629.0000 MHz | 5K60G1W  | QPSK, DATA/FAX           |
| 3600.0000 - 3629.0000 MHz | 2K40G7D  | BPSK, DATA/TDM           |
| 3600.0000 - 3629.0000 MHz | 24K0G1W  | QPSK, DATA/FAX           |
| 3600.0000 - 3629.0000 MHz | 132K0G7D | BPSK, DATA/TDM           |
| 3600.0000 - 3629.0000 MHz | 7K50G1W  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 7K50G1E  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 7K50G1D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 60K0D1W  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 5K00G1W  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 5K00G1E  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 5K00G1D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 45K0G7D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 2K50G1D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 2K50F1D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 20K0G1X  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 20K0G1E  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 17K5G1D  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 10K0G1W  | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 100K0G1X | DIGITAL DATA             |
| 3600.0000 - 3629.0000 MHz | 2M20G1D  | BPSK, DATA               |
| 3600.0000 - 3629.0000 MHz | 2K40G1D  | BPSK, DATA               |

SITE ID: 23BLBAND  
 LOCATION: 2120 RIVER ROAD (1.8M.)-BL-BAND, NEW HAVEN, SOUTHURY, CT  
 41 ° 27 ' 4.50 " N LAT. 73 ° 17 ' 21.80 " W LONG.

| ANTENNA ID: | 23BLBAND                  | 1.8 meters | TRUE FOCUS | 1.8M.  |
|-------------|---------------------------|------------|------------|--|
|             | 1626.5000 - 1660.5000 MHz | NON        | 27.20 dBW  | UNMODULATED AFC PILOT (CLOSE LOOP)           |
|             | 1574.4000 - 1576.6000 MHz | 2M20G1D    |            | TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP   |
|             | 1525.0000 - 1559.0000 MHz | 34K0F3E    |            | TEST FM, TELEPHONY COMPANDED AND UNCOMPANDED |
|             | 1525.0000 - 1559.0000 MHz | 2M20G1D    |            | TEST BPSK SPREAD SPECTRUM DATA- CLOSE LOOP   |
|             | 1525.0000 - 1559.0000 MHz | 400KG1F    |            | TEST QPSK, DIGITAL VIDEO/DATA                |
|             | 1525.0000 - 1559.0000 MHz | 40K0G1W    |            | TEST 16 QAM DIGITAL TELEPHONY                |
|             | 1525.0000 - 1559.0000 MHz | 5K60G1E    |            | TEST QPSK, TELEPHONY                         |
|             | 1525.0000 - 1559.0000 MHz | 24K0G1E    |            | TEST QPSK, TELEPHONY                         |
|             | 1525.0000 - 1559.0000 MHz | 5K60G1W    |            | TEST QPSK, DATA/FAX                          |
|             | 1525.0000 - 1559.0000 MHz | 2K40G7D    |            | TEST BPSK, DATA/TDM                          |
|             | 1525.0000 - 1559.0000 MHz | 24K0G1W    |            | TEST QPSK, DATA/FAX                          |
|             | 1525.0000 - 1559.0000 MHz | 132KG7D    |            | TEST BPSK, DATA/TDM                          |
|             | 1525.0000 - 1559.0000 MHz | NON        |            | UNMODULATED AFC PILOT                        |
|             | 1525.0000 - 1559.0000 MHz | 2M20G1D    |            | TEST BPSK, DATA                              |
|             | 1525.0000 - 1559.0000 MHz | 2K40G1D    |            | TEST BPSK, DATA                              |

**Points of Communication:**

- 1 - INMARSAT 4F2 - (52.75)
- 1 - INMARSAT 4F3 - (98 W.L.)
- 1 - ISAT List -
- 21CNORM - INMARSAT 3F2 - (15.5 W.L.)
- 21CNORM - INMARSAT 3F5 - (54 W.L.)
- 21CNORM - INMARSAT 4F3 - (97.65 W.L.)
- 21CNORM - PERMITTED LIST - ()



21CTTC/HUB - INMARSAT 3F2 - (15.5 W.L.)

21CTTC/HUB - INMARSAT 3F5 - (54 W.L.)

21CTTC/HUB - INMARSAT 4F3 - (97.65 W.L.)

21CTTC/HUB - PERMITTED LIST - ()

21LBAND - ISAT List -

23ACNOR - INMARSAT 3F2 - (15.5 W.L.)

23ACNOR - INMARSAT 3F5 - (54 W.L.)

23ACNOR - INMARSAT 3F5 - (54 W.L.)

23ACNOR - PERMITTED LIST - ()

23ACTTC - INMARSAT 3F2 - (15.5 W.L.)

23ACTTC - INMARSAT 3F5 - (54 W.L.)

23ACTTC - INMARSAT 4F3 - (97.65 W.L.)

23ACTTC - PERMITTED LIST - ()

23BLBAND - ISAT List -

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**SES-MFS-20160404-00304** E E120043 Denali 20020, LLC

Modification

06/20/2012 - 06/20/2027

Grant of Authority

Date Effective: 06/27/2016

**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: | 1                           | 3.5 meters | VERTEX    | 3.5KPK                |
|             | 14000.0000 - 14500.0000 MHz | 36M0F2D    | 77.84 dBW | Digital Data Carrier  |
|             | 14000.0000 - 14500.0000 MHz | 36M0F3F    | 74.30 dBW | Analog Video Carrier  |
|             | 14000.0000 - 14500.0000 MHz | 36M0G7W    | 77.84 dBW | Digital Data Carrier  |
|             | 14000.0000 - 14500.0000 MHz | 36M0F8W    | 77.84 dBW | Digital Data Carrier  |
|             | 11450.0000 - 12200.0000 MHz | 36M0F2D    |           | Digital Video Carrier |
|             | 11450.0000 - 12200.0000 MHz | 36M0F3F    |           | Analog Video Carrier  |
|             | 11450.0000 - 12200.0000 MHz | 36M0G7W    |           | Digital Data Carrier  |

|                             |            |             |                       |
|-----------------------------|------------|-------------|-----------------------|
| 11450.0000 - 12200.0000 MHz | 36M0F8W    |             | Digital Data Carrier  |
| 10950.0000 - 11200.0000 MHz | 36M0F2D    |             | Digital Video Carrier |
| 10950.0000 - 11200.0000 MHz | 36M0F3F    |             | Analog Video Carrier  |
| 10950.0000 - 11200.0000 MHz | 36M0G7W    |             | Digital Data Carrier  |
| 10950.0000 - 11200.0000 MHz | 36M0F8W    |             | Digital Data Carrier  |
| ANTENNA ID: 2               | 3.7 meters | GLOBAL STAR | GS-370                |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 78.20 dBW   | Digital Data Carrier  |
| 11700.0000 - 12200.0000 MHz | 36M0G7W    |             | Digital Data Carrier  |
| ANTENNA ID: 3               | 6.1 meters | VERTEX      | 6.1KPK                |
| 14000.0000 - 14500.0000 MHz | 1M00G7D    | 66.80 dBW   | Digital Data Carrier  |
| 14000.0000 - 14500.0000 MHz | 36M0G7W    | 80.87 dBW   | Digital Data Carrier  |
| 14000.0000 - 14500.0000 MHz | 36M0F3F    | 78.90 dBW   | Analog Video Carrier  |
| 14000.0000 - 14500.0000 MHz | 72M0G7W    | 80.87 dBW   | Digital Data Carrier  |
| 13750.0000 - 14000.0000 MHz | 72M0G7W    | 80.87 dBW   | Digital Data Carrier  |
| 13750.0000 - 14000.0000 MHz | 36M0G7W    | 76.90 dBW   | Digital Data Carrier  |
| 13750.0000 - 14000.0000 MHz | 1M00G7D    | 66.80 dBW   | Digital Data Carrier  |
| 11450.0000 - 12200.0000 MHz | 1M00G7D    |             | Digital Data Carrier  |
| 11450.0000 - 12200.0000 MHz | 36M0G7W    |             | Digital Data Carrier  |
| 11450.0000 - 12200.0000 MHz | 36M0F3F    |             | Analog Video Carrier  |
| 11450.0000 - 12200.0000 MHz | 72M0G7W    |             | Digital Data Carrier  |
| 10950.0000 - 11200.0000 MHz | 1M00G7D    |             | Digital Data Carrier  |
| 10950.0000 - 11200.0000 MHz | 36M0G7W    |             | Digital Data Carrier  |
| 10950.0000 - 11200.0000 MHz | 36M0F3F    |             | Analog Video Carrier  |
| 10950.0000 - 11200.0000 MHz | 72M0G7W    |             | Digital Data Carrier  |
| ANTENNA ID: 4               | 9 meters   | VERTEX      | 9KPK                  |
| 14000.0000 - 14500.0000 MHz | 1M00G7D    | 70.08 dBW   | Digital Data Carrier  |

|                             |         |           |                      |
|-----------------------------|---------|-----------|----------------------|
| 14000.0000 - 14500.0000 MHz | 36M0F2D | 77.70 dBW | Digital Data Carrier |
| 14000.0000 - 14500.0000 MHz | 36M0F3F | 86.00 dBW | Analog Video Carrier |
| 14000.0000 - 14500.0000 MHz | 72M0G7W | 85.60 dBW | Digital Data Carrier |
| 11450.0000 - 12200.0000 MHz | 1M00G7D |           | Digital Data Carrier |
| 11450.0000 - 12200.0000 MHz | 36M0F2D |           | Digital Data Carrier |
| 11450.0000 - 12200.0000 MHz | 36M0F3F |           | Analog Video Carrier |
| 11450.0000 - 12200.0000 MHz | 72M0G7W |           | Digital Data Carrier |
| 10950.0000 - 11200.0000 MHz | 1M00G7D |           | Digital Data Carrier |
| 10950.0000 - 11200.0000 MHz | 36M0F2D |           | Digital Data Carrier |
| 10950.0000 - 11200.0000 MHz | 36M0F3F |           | Analog Video Carrier |
| 10950.0000 - 11200.0000 MHz | 72M0G7W |           | Digital Data Carrier |

ANTENNA ID: 5          4.8 meters          VERTEX          4.8 KPK

|                             |         |           |                      |
|-----------------------------|---------|-----------|----------------------|
| 14000.0000 - 14500.0000 MHz | 72M0G7W | 81.22 dBW | Digital Data Carrier |
| 14000.0000 - 14500.0000 MHz | 1M00G7D | 65.17 dBW | Digital Data Carrier |
| 11450.0000 - 12200.0000 MHz | 72M0G7W |           | Digital Data Carrier |
| 11450.0000 - 12200.0000 MHz | 1M00G7D |           | Digital Data Carrier |
| 10950.0000 - 11200.0000 MHz | 72M0G7W |           | Digital Data Carrier |
| 10950.0000 - 11200.0000 MHz | 1M00G7D |           | Digital Data Carrier |

**Points of Communication:**

- 1 - AMAZONAS 2 (S2793) - (61 W.L.)
- 1 - INTELSAT 707 - (53 W.L.)
- 1 - NSS 9 (S2756) - (177 W.L.)
- 1 - PERMITTED LIST - ()
- 1 - Yamal 300K - (177 W.L.)

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SES-MOD-20150921-00630    E E080118    Global Crossing Americas Solutions, Inc.    06/24/2008 - 06/24/2023  
 Application for Modification    Date Effective: 06/28/2016  
 Grant of Authority

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: Plaza Fajardo 65 Inf. Av. 1st Floor, Fajardo, Fajardo, PR  
18 ° 20 ' 14.00 " N LAT. 65 ° 40 ' 47.00 " W LONG.

|             |                           |            |          |           |                      |
|-------------|---------------------------|------------|----------|-----------|----------------------|
| ANTENNA ID: | FAJA-1                    | 2.4 meters | PRODELIN | 1251      |                      |
|             | 5925.0000 - 6425.0000 MHz |            | 230KG7D  | 41.99 dBW | Digital data carrier |
|             | 5925.0000 - 6425.0000 MHz |            | 115KG7D  | 38.98 dBW | Digital data carrier |
|             | 3700.0000 - 4200.0000 MHz |            | 230KG7D  |           | Digital data carrier |
|             | 3700.0000 - 4200.0000 MHz |            | 115KG7D  |           | Digital data carrier |
|             | 5925.0000 - 6425.0000 MHz |            | 750KG7D  | 48.40 dBW | Digital data carrier |
|             | 3700.0000 - 4200.0000 MHz |            | 8M45G7D  |           | Digital data carrier |

**Points of Communication:**

1 - INTELSAT 805 (S2404) - (304.5 E.L.)

1 - PAS-1R - (45.0 W.L.)

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**SES-MOD-20160505-00400** E E050324 The University Of Texas At Austin  
Application for Modification 11/05/2005 - 11/05/2020  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: CMB, 2504B WHITIS AVE, KUT, TRAVIS, AUSTIN, TX  
30 ° 17 ' 21.70 " N LAT. 97 ° 44 ' 28.00 " W LONG.

|             |                           |            |              |           |                       |
|-------------|---------------------------|------------|--------------|-----------|-----------------------|
| ANTENNA ID: | 1                         | 3.8 meters | DH SATELLITE | 3.8 METER |                       |
|             | 3700.0000 - 4200.0000 MHz |            | 30K0F1D      |           | DIGITAL AUDIO CARRIER |
|             | 3700.0000 - 4200.0000 MHz |            | 10M3G7W      |           | DIGITAL AUDIO CARRIER |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160505-00401** E E040039 Public Radio International  
Application for Modification 01/18/2004 - 01/18/2019  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

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**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 401 2nd NORTH STREET (PRI), HENNEPIN, MINNEAPOLIS, MN  
44 ° 58 ' 54.10 " N LAT. 93 ° 16 ' 25.20 " W LONG.

|             |                           |            |          |                                 |
|-------------|---------------------------|------------|----------|---------------------------------|
| ANTENNA ID: | 1                         | 3.7 meters | PRODELIN | 136-750                         |
|             | 3700.0000 - 4200.0000 MHz |            | 10M3G7W  | DIGITAL BROADCAST AUDIO CARRIER |
|             | 3700.0000 - 4200.0000 MHz |            | 30K0F1D  | DIGITAL AUDIO CARRIER           |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00412** E E030241 Rainbird Community Broadcasting, Inc.  
Application for Modification 10/23/2003 - 10/23/2018  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 1101 COPPER RIDGE LANE (KRBD-FM), KETCHIKAN, KETCHIKAN, AK  
55 ° 20 ' 57.90 " N LAT. 131 ° 39 ' 5.90 " W LONG.

|             |                           |            |                      |                       |
|-------------|---------------------------|------------|----------------------|-----------------------|
| ANTENNA ID: | 3.7 M.                    | 3.7 meters | PRODELIN CORPORATION | 136-750               |
|             | 3700.0000 - 4200.0000 MHz |            | 30K0F1D              | DIGITAL AUDIO CARRIER |
|             | 3700.0000 - 4200.0000 MHz |            | 10M3G7W              | DIGITAL AUDIO CARRIER |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00414** E E030252 Narrows Broadcasting Corporation  
Application for Modification 10/27/2003 - 10/27/2018  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 404 NORTH SECOND STREET PO BOX 149 (KFSK-FM), WRANGELL, PETERSBURG, AK  
56 ° 48 ' 52.60 " N LAT. 132 ° 57 ' 15.70 " W LONG.

|             |        |            |                         |              |
|-------------|--------|------------|-------------------------|--------------|
| ANTENNA ID: | 3.8 M. | 3.8 meters | COMTECH ANTENNA SYSTEMS | 3.8 METER PF |
|-------------|--------|------------|-------------------------|--------------|

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|                           |         |                       |
|---------------------------|---------|-----------------------|
| 3700.0000 - 4200.0000 MHz | 30K0F1D | DIGITAL AUDIO CARRIER |
| 3700.0000 - 4200.0000 MHz | 10M3G7W | DIGITAL AUDIO CARRIER |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00415** E E030267 Raven Radio Foundation  
Application for Modification 10/31/2003 - 10/31/2018  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 2 B LINCOLN STREET (KCAW-FM), SITKA, SITKA, AK  
57 ° 2 ' 52.90 " N LAT. 135 ° 20 ' 14.10 " W LONG.

ANTENNA ID: 3.8 M. 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 METER PF

|                           |         |                       |
|---------------------------|---------|-----------------------|
| 3700.0000 - 4200.0000 MHz | 30K0F1D | DIGITAL AUDIO CARRIER |
| 3700.0000 - 4200.0000 MHz | 10M3G7W | DIGITAL AUDIO CARRIER |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00416** E E990118 Capital Community Broadcasting, Inc.  
Application for Modification 03/24/2009 - 03/24/2024  
Grant of Authority Date Effective: 06/28/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 360 EGAN DRIVE, JUNEAU, JUNEAU, AK  
58 ° 17 ' 58.10 " N LAT. 134 ° 24 ' 51.90 " W LONG.

ANTENNA ID: 1 4.5 meters SCIENTIFIC-ATLANTA, INC. 8345

|                           |         |                       |
|---------------------------|---------|-----------------------|
| 3700.0000 - 4200.0000 MHz | 154KG7D | DATA, BPSK, FEC 1/2   |
| 3700.0000 - 4200.0000 MHz | 30K0F1D | DIGITAL AUDIO CARRIER |
| 3700.0000 - 4200.0000 MHz | 10M3G7W | DIGITAL AUDIO CARRIER |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00425** E E960314 Viacom International Inc.  
Application for Modification 07/26/2006 - 07/26/2021  
Grant of Authority Date Effective: 06/27/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 35 ADAMS AVENUE, SUFFOLK, HAUPPAUGE, NY  
40 ° 49 ' 15.00 " N LAT. 73 ° 15 ' 19.00 " W LONG.

|             |                             |          |                    |           |
|-------------|-----------------------------|----------|--------------------|-----------|
| ANTENNA ID: | 1                           | 6 meters | SCIENTIFIC ATLANTA | 8060      |
|             | 14000.0000 - 14500.0000 MHz |          | 36M0G7F            | 85.40 dBW |
|             | 14000.0000 - 14500.0000 MHz |          | 28M0G7F            | 85.40 dBW |
|             | 11700.0000 - 12200.0000 MHz |          | 36M0G7F            |           |
|             | 11700.0000 - 12200.0000 MHz |          | 28M0G7F            |           |

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-MOD-20160512-00426** E E950458 Viacom International Inc.  
Application for Modification 11/09/2005 - 11/09/2020  
Grant of Authority Date Effective: 06/27/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1  
LOCATION: 35 Adams Avenue, SUFFOLK, HAUPPAUGE, NY  
40 ° 49 ' 15.00 " N LAT. 73 ° 15 ' 19.00 " W LONG.

|             |                             |            |         |           |                    |
|-------------|-----------------------------|------------|---------|-----------|--------------------|
| ANTENNA ID: | 1                           | 4.5 meters | VERTEX  | KPK       |                    |
|             | 14000.0000 - 14500.0000 MHz |            | 9M00G7W | 73.30 dBW | TELEVISION (VIDEO) |
|             | 11700.0000 - 12200.0000 MHz |            | 27M0G7W |           | TELEVISION (VIDEO) |
|             | 11700.0000 - 12200.0000 MHz |            | 9M00G7W |           | TELEVISION (VIDEO) |
|             | 11450.0000 - 11700.0000 MHz |            | 27M0G7W |           | TELEVISION (VIDEO) |
|             | 10950.0000 - 11200.0000 MHz |            | 27M0G7W |           | TELEVISION (VIDEO) |
|             | 10950.0000 - 11200.0000 MHz |            | 9M00G7W |           | TELEVISION (VIDEO) |
|             | 14000.0000 - 14500.0000 MHz |            | 27M0G7W | 73.30 dBW | TELEVISION (VIDEO) |

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11450.0000 - 11700.0000 MHz

9M00G7W

TELEVISION (VIDEO)

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20160511-00411** E E160079 National Public Radio

Registration

05/11/2016 - 05/11/2031

Grant of Authority

Date Effective: 06/22/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 1111 North Capital Street, NE. (3.7M.), District of Columbia, Washington, DC

38 ° 54 ' 16.30 " N LAT.

77 ° 0 ' 31.30 " W LONG.

ANTENNA ID: 3.7M. 3.7 meters Prodelin 136-750

3700.0000 - 4200.0000 MHz 30K0G3W Analog SCPC

3700.0000 - 4200.0000 MHz 36M0G3W Analog video

3700.0000 - 4200.0000 MHz 36M0G7W Digital data

3700.0000 - 4200.0000 MHz 30K0G7W Digital Traffic

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-REG-20160512-00413** E E160080 WRANGELL RADIO GROUP

Registration

05/12/2016 - 05/12/2031

Grant of Authority

Date Effective: 06/22/2016

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 202 St. Michaels Street, Wrangell, Wrangell, AK

56 ° 28 ' 17.70 " N LAT.

132 ° 22 ' 46.80 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Prodelin 1383

3700.0000 - 4200.0000 MHz 10M3G7W Digital Audio Carrier

3700.0000 - 4200.0000 MHz 30K0F1D Digital Audio Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

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**SES-STA-20160512-00429** E E7541 Lockheed Martin Corporation

Special Temporary Authority  
Grant of Authority

Date Effective: 06/27/2016

**Class of Station:**

On June 27, 2016, Lockheed Martin Corporation was granted special temporary authority for 180 days beginning July 9, 2016, to use its fixed earth station in Carpentersville, NJ, to conduct telemetry, tracking and command (TT&C) operations for the Eutelsat 117 West B satellite during the post launch and early orbit phase (LEOP) services as it proceeds to the 116.8° W.L. orbital location using the following center frequencies: 6423.3 MHz (Earth-to-space), and the 4198.20 MHz, and 4199.80 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20160513-00431** E Universal Space Network, Inc.

Special Temporary Authority  
Grant of Authority

Date Effective: 06/27/2016

**Class of Station:**

On June 27, 2016, Universal Space Network, Inc. was granted special temporary authority for 90 days beginning June 27, 2016, to operate its fixed earth station in Naalehu, HI, to support telemetry, tracking and command (TT&C) operations of the Nimiq-2 satellite at the 148° E.L. orbital location using the following center frequencies: 12202.50 MHz and 12695.00 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20160607-00488** E Hawaii Pacific Teleport, L.P.

Special Temporary Authority  
Grant of Authority

Date Effective: 06/22/2016

**Class of Station:**

On June 22, 2016, Hawaii Pacific Teleport, L.P. was granted a special temporary authority, for 30 days beginning June 22, 2016, to operate a 1.2-meter antenna fixed earth station in Kapolei, HI, teleport to provide in-orbit testing (IOT) of the Nimiq-2 satellite at the 148° E.L. orbital location in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30.0 GHz (Earth-to-space) frequency bands.

**Points of Communication:**

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**SES-STA-20160620-00556** E E160081 UNITED TELEPORTS INC.

Special Temporary Authority  
Grant of Authority

Date Effective: 06/27/2016

**Class of Station:**

On June 27, 2016, United Teleports Inc. was granted special temporary authority for 60 days beginning June 29, 2016, to operate a 7-meter gateway earth station in Port St. Lucie, FL, to transmit U.S. television and video programming distribution to the Eutelsat 65 West A (E65WA) satellite at the 65° W.L. orbital location in the 12.75-13.25 GHz (Earth-to-space) frequency band.

**Points of Communication:**

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**SES-STA-20160622-00567** E KA258 Intelsat License LLC

Special Temporary Authority  
Grant of Authority

Date Effective: 06/24/2016

**Class of Station:**

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On June 24, 2016, Intelsat License, LLC was granted special temporary authority for 30 days, beginning June 27, 2016, to continue to operate its fixed earth station in Hagerstown, MD, to: 1) provide launch and early orbit phase (LEOP) services for Intelsat 31 satellite; (2) conduct telemetry, tracking, and command (TT&C) operations during in-orbit testing (IOT) at the 132.0° W.L orbital location; and (3) conduct TT&C as Intelsat drifts to the 95.05° W.L. orbital location. All operations will use the following center frequencies: 13998.50 MHz and 14006.0 MHz (Earth-to-space), and 11194.25 MHz, 11195.5 MHz, 11196.25 MHz, and 11196.75 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20160622-00568** E E140121 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 06/24/2016

**Class of Station:**

On June 24, 2016, Intelsat License, LLC was granted special temporary authority for 30 days beginning July 6, 2016, to operate its fixed earth station in Hagerstown, MD, to: 1) provide launch and early orbit phase (LEOP) services for Intelsat 31 satellite; (2) conduct telemetry, tracking, and command (TT&C) operations during in-orbit testing (IOT) at the 132.0° W.L orbital location; and (3) conduct TT&C as Intelsat drifts to the 95.05° W.L. orbital location. All operations will use the following center frequencies: 13998.50 MHz and 14006.0 MHz (Earth-to-space), and 11194.25 MHz, 11195.5 MHz, 11196.25 MHz, and 11196.75 MHz (space-to-Earth).

**Points of Communication:**

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**SES-STA-20160622-00571** E KL92 Intelsat License LLC  
Special Temporary Authority  
Grant of Authority Date Effective: 06/24/2016

**Class of Station:**

On June, 2016, Intelsat License LLC was granted special temporary authority for 30 days, beginning June 27, 2016, to use its fixed earth station in Castle Rock, CO, to: (1) provide launch and early orbit phase (LEOP) services for the Intelsat 31 satellite; (2) conduct telemetry, tracking, and command (TT&C) operations during in-orbit testing (IOT) at the 132° W.L. orbital location; and (3) provide TT&C as Intelsat 31 drifts to the 95.05° W.L. orbital location. All operations will use the following center frequencies: 13998.50 MHz and 14006.0 MHz (Earth-to-space), and 11194.25 MHz, 11195.5 MHz, 11196.25 MHz, and 11196.75 MHz (space-to-Earth).

**Points of Communication:**

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**SES-T/C-20160617-00559** E WH33 HPI Acquisition Co. LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** HPI Acquisition Co. LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20160617-00560** E E090183 Falcon Video Communications, L.P.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Falcon Video Communications, L.P.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 7

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**SES-T/C-20160617-00561** E E000185 Marcus Cable Associates, L.L.C.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Marcus Cable Associates, L.L.C.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 7

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**SES-T/C-20160617-00562** E E890917 Robin Media Group, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Robin Media Group, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 2

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**SES-T/C-20160617-00563** E E6784 Plattsburgh Cablevision, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Communications Entertainment I, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 1

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**SES-T/C-20160617-00564** E E040177 The Helicon Group, L.P.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** The Helicon Group, L.P.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 2

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**SES-T/C-20160617-00565** E E020100 Marcus Cable of Alabama, L.L.C.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Marcus Cable of Alabama, L.L.C.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 3

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**SES-T/C-20160617-00572** E E100094 Bresnan Communications, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Bresnan Communications, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 34

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|  |  |  |                              |
|--|--|--|------------------------------|
| <b>SES-T/C-20160617-00574</b>                  | E E090140  | Bright House Networks, LLC                           |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Bright House Networks, LLC                           |  |                              |
| <b>FROM:</b>                                   | ADVANCE/NEWHOUSE PARTNERSHIP                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 29 |
| <b>SES-T/C-20160617-00575</b>                  | E E010328  | Interlink Communications Partners, LLC               |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Interlink Communications Partners, LLC               |  |                              |
| <b>FROM:</b>                                   | CHARTER COMMUNICATIONS, INC.                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 9  |
| <b>SES-T/C-20160617-00576</b>                  | E E2578  | Falcon Community Cable, L.P.                         |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Falcon Community Cable, L.P.                         |  |                              |
| <b>FROM:</b>                                   | CHARTER COMMUNICATIONS, INC.                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 2  |
| <b>SES-T/C-20160617-00577</b>                  | E KP47   | Falcon Community Ventures I Limited Partnership      |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Falcon Community Ventures I Limited Partnership      |  |                              |
| <b>FROM:</b>                                   | CHARTER COMMUNICATIONS, INC.                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 1  |
| <b>SES-T/C-20160617-00578</b>                  | E E3573  | Falcon Telecable, a California Limited Partnership   |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Falcon Telecable, a California Limited Partnership   |  |                              |
| <b>FROM:</b>                                   | CHARTER COMMUNICATIONS, INC.                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 1  |
| <b>SES-T/C-20160617-00579</b>                  | E WU58   | Falcon Cable Media, a California Limited Partnership |                              |
| Application for Consent to Transfer of Control |  |  | Date Effective: 05/18/2016   |
| Consummated                                    |  |  |                              |
| <b>Current Licensee:</b>                       | Falcon Cable Media, a California Limited Partnership |  |                              |
| <b>FROM:</b>                                   | CHARTER COMMUNICATIONS, INC.                         |  |                              |
| <b>TO:</b>                                     | Charter Communications, Inc.                         |  |                              |
|  |  |  | No. of Station(s) listed: 1  |

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**SES-T/C-20160617-00580** E E010189 Charter Communications, LLC  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Charter Communications, LLC  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 15

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**SES-T/C-20160617-00581** E E2091 Insight Kentucky Partners II, L.P.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Insight Kentucky Partners II, L.P.  
**FROM:** TIME WARNER CABLE INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 4

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**SES-T/C-20160617-00582** E E030157 Falcon Cable Systems Company II, L.P.  
Application for Consent to Transfer of Control  
Consummated Date Effective: 05/18/2016

**Current Licensee:** Falcon Cable Systems Company II, L.P.  
**FROM:** CHARTER COMMUNICATIONS, INC.  
**TO:** Charter Communications, Inc.

No. of Station(s) listed: 9

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**Dismissal**

**SES-STA-20160516-00436** E160070 The Boeing Company  
Application requests for special temporary authority is dismissed as Moot. See IBFS File No. SES-LIC-20160427-00373 Granted June 22, 2016.

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.