Satellite Communications Services

re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

<table>
<thead>
<tr>
<th>Application for Authority</th>
<th>RCN License Subsidiary, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
</tr>
<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>SITE ID:</td>
<td>1</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>E. Dale Avenue, Clark, Henderson, NV</td>
</tr>
<tr>
<td></td>
<td>35 ° 57 ’ 39.90 ” N LAT.</td>
</tr>
<tr>
<td></td>
<td>115 ° 10 ’ 1.50 ” W LONG.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Size</th>
<th>ASC Signal</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>9.3 meters</td>
<td>36M0G7W</td>
<td>Digital traffic, various FEC, data rates and modulation</td>
</tr>
<tr>
<td>1</td>
<td>9.3 meters</td>
<td>30K0G7W</td>
<td>Digital traffic, various FEC, data rates and modulation</td>
</tr>
<tr>
<td>2</td>
<td>7.6 meters</td>
<td>51K2G7W</td>
<td>Digital traffic, various FEC, data rates and modulation</td>
</tr>
<tr>
<td>2</td>
<td>7.6 meters</td>
<td>36M0G7W</td>
<td>Digital traffic, various FEC, data rates and modulation</td>
</tr>
<tr>
<td>2</td>
<td>7.6 meters</td>
<td>30K0G7W</td>
<td>Digital traffic, various FEC, data rates and modulation</td>
</tr>
<tr>
<td>Frequency Bands</td>
<td>Antenna ID</td>
<td>Gain (dBW)</td>
<td></td>
</tr>
<tr>
<td>---------------------------------</td>
<td>------------</td>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>36M0G7W</td>
<td>84.84 dBW</td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>51K2G7W</td>
<td>56.37 dBW</td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>36M0G7W</td>
<td>79.54 dBW</td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>51K2G7W</td>
<td>51.07 dBW</td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>36M0G7W</td>
<td>79.54 dBW</td>
<td></td>
</tr>
<tr>
<td>10950.0000 - 11200.0000 MHz</td>
<td>30M0G7W</td>
<td>46.70 dBW</td>
<td></td>
</tr>
<tr>
<td>11450.0000 - 11700.0000 MHz</td>
<td>30M0G7W</td>
<td>46.70 dBW</td>
<td></td>
</tr>
<tr>
<td>11700.0000 - 12200.0000 MHz</td>
<td>30M0G7W</td>
<td>46.70 dBW</td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-LIC-20190203-00052**

RiteNet Corp.

Application for Authority

Class of Station: Other

Nature of Service: Earth Station Aboard Aircraft, Fixed Satellite Service, Mobile Satellite Service

RiteNet Corp. requests a blanket license authorization to operate up to 50 SkyTech model BB45 earth station aboard aircraft (ESAA) terminals to communicate with U.S.-licensed satellites and non-U.S. licensed satellites on the Permitted List in the 14.0-14.5 GHz (Earth-to-space) and 10.95-11.2 GHz, 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands.

**SITE ID:** 1

**LOCATION:** 13665 Dulles Technology Drive (ESAA Network), Fairfax, Herndon, VA

**ANTENNA ID:** BB45Ku

<table>
<thead>
<tr>
<th>Frequency Bands</th>
<th>Antenna ID</th>
<th>Gain (dBW)</th>
<th>Modulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>20M0G7W</td>
<td>46.70 dBW</td>
<td>BPSK,QPSK</td>
</tr>
<tr>
<td>11700.0000 - 12200.0000 MHz</td>
<td>30M0G7W</td>
<td>46.70 dBW</td>
<td>BPSK,QPSK</td>
</tr>
<tr>
<td>11450.0000 - 11700.0000 MHz</td>
<td>30M0G7W</td>
<td>46.70 dBW</td>
<td>BPSK,QPSK</td>
</tr>
</tbody>
</table>

**Points of Communication:**
Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 930 Broadway, Pierce, Tacoma, WA

47 ° 15 ’ 15.30 ” N LAT.

122 ° 26 ’ 26.60 ” W LONG.

ANTENNA ID: 1

3.8 meters

Prodelin

1385

5925.0000 - 6078.4700 MHz

30K0G7W

40.75 dBW

Digital traffic, various FEC, data rates and modulation

5925.0000 - 6078.4700 MHz

500KG7W

52.97 dBW

Digital traffic, various FEC, data rates and modulation

6088.6700 - 6137.0000 MHz

30K0G7W

40.75 dBW

Digital traffic, various FEC, data rates and modulation

6088.6700 - 6137.0000 MHz

500KG7W

52.97 dBW

Digital traffic, various FEC, data rates and modulation

6168.0000 - 6211.0000 MHz

30K0G7W

40.75 dBW

Digital traffic, various FEC, data rates and modulation

6168.0000 - 6211.0000 MHz

500KG7W

52.97 dBW

Digital traffic, various FEC, data rates and modulation

6242.0000 - 6300.0000 MHz

30K0G7W

40.75 dBW

Digital traffic, various FEC, data rates and modulation

6242.0000 - 6300.0000 MHz

500KG7W

52.97 dBW

Digital traffic, various FEC, data rates and modulation

6406.0000 - 6425.0000 MHz

30K0G7W

40.75 dBW

Digital traffic, various FEC, data rates and modulation

6406.0000 - 6425.0000 MHz

500KG7W

52.97 dBW

Digital traffic, various FEC, data rates and modulation

Points of Communication:
SITE ID:  1
LOCATION:  1050 Techwood Drive, Fulton, Atlanta, GA  
33 ° 47 ’ 2.00 ” N LAT.  84 ° 23 ’ 40.00 ” W LONG.

ANTENNA ID:  1  
7 meters  
Scientific Atlanta  
8010K

11700.0000 - 12200.0000 MHz  
36M0G7F  
0.00 dBW  
8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz  
36M0G7F  
80.87 dBW  
8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz  
6M00G7F  
69.96 dBW  
8PSK, QPSK, digital video

SITE ID:  2
LOCATION:  1050 Techwood Drive, Fulton, Atlanta, GA  
33 ° 47 ’ 2.00 ” N LAT.  84 ° 23 ’ 39.00 ” W LONG.

ANTENNA ID:  2  
7 meters  
Scientific Atlanta  
8010K

11700.0000 - 12200.0000 MHz  
36M0G7F  
0.00 dBW  
8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz  
36M0G7F  
80.87 dBW  
8PSK, QPSK, digital video

14000.0000 - 14500.0000 MHz  
6M00G7F  
69.96 dBW  
8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-LIC-20190403-00435  E190136  WML Services, LLC  
Application for Authority  
Class of Station:  Fixed Earth Stations  
Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  7200 Campbellton Rd, Fulton, Atlanta  
33 ° 41 ’ 27.00 ” N LAT.  84 ° 37 ’ 21.00 ” W LONG.

ANTENNA ID:  1  
9 meters  
Scientific Atlanta  
8009A

5925.0000 - 6425.0000 MHz  
36M0G7F  
73.24 dBW  
8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190403-00442  E190142  WML Services, LLC  
Application for Authority  
Class of Station:  Fixed Earth Stations  
Nature of Service:  Fixed Satellite Service
SITE ID: 1  
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA  
33° 41' 24.20" N LAT. 84° 37' 20.40" W LONG.

ANTENNA ID: 1  9.1 meters  Viasat  8009A

5925.0000 - 6425.0000 MHz  36M0G7F  75.56 dBW  8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190403-00444  E  E190144  WML Services, LLC
Application for Authority  
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Antenna 17  
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA  
33° 41' 25.60" N LAT. 84° 37' 22.10" W LONG.

ANTENNA ID: 1  9.1 meters  Viasat  8009A

5925.0000 - 6425.0000 MHz  36M0G7F  75.56 dBW  8PSK, QPSK, digital video

Points of Communication:

Antenna 17 - PERMITTED LIST - ()

SES-LIC-20190403-00445  E  E190145  WML Services, LLC
Application for Authority  
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1  
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA  
33° 41' 24.80" N LAT. 84° 37' 20.50" W LONG.

ANTENNA ID: 1  9.1 meters  Viasat  8009A

5925.0000 - 6425.0000 MHz  36M0G7F  74.77 dBW  8PSK, QPSK, digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190403-00462  E  E190169  L3 IEC
Application for Authority  
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>1</th>
<th>LOCATION:</th>
<th>10400 Philips Parkway Building 18900, Brevard, FL</th>
<th>28 ° 23 ' 48.61 &quot; N LAT.</th>
<th>80 ° 36 ' 20.37 &quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTEENA ID:</td>
<td>1</td>
<td>3.8 meters</td>
<td>GD Satcom (039295)</td>
<td>3.8m Dual Offset</td>
<td></td>
</tr>
<tr>
<td>11700.0000 - 12200.0000 MHz</td>
<td>64K0G7W</td>
<td>0.00 dBW</td>
<td>DIGITAL TRAFFIC, VARIOUS INFORMATION RATES, VARIOUS FEC TYPES, TRANSPORT FOR VARIOUS FORMS OF VOICE, VIDEO, DATA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>64K0G7W</td>
<td>50.54 dBW</td>
<td>DIGITAL TRAFFIC, VARIOUS INFORMATION RATES, VARIOUS FEC TYPES, TRANSPORT FOR VARIOUS FORMS OF VOICE, VIDEO, DATA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11700.0000 - 12200.0000 MHz</td>
<td>4M96G7W</td>
<td>0.00 dBW</td>
<td>DIGITAL TRAFFIC, VARIOUS INFORMATION RATES, VARIOUS FEC TYPES, TRANSPORT FOR VARIOUS FORMS OF VOICE, VIDEO, DATA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>4M96G7W</td>
<td>64.50 dBW</td>
<td>DIGITAL TRAFFIC, VARIOUS INFORMATION RATES, VARIOUS FEC TYPES, TRANSPORT FOR VARIOUS FORMS OF VOICE, VIDEO, DATA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()

**SES–LIC–20190404–00431**

E  E190132  WML Services, LLC

<table>
<thead>
<tr>
<th>Application for Authority</th>
<th>Fixed Earth Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: 1
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
33 ° 47 ' 2.10 " N LAT.  84 ° 23 ' 36.20 " W LONG.

<table>
<thead>
<tr>
<th>ANTEENA ID:</th>
<th>1</th>
<th>10 meters</th>
<th>Scientific Atlanta</th>
<th>8113</th>
</tr>
</thead>
<tbody>
<tr>
<td>5925.0000 - 6425.0000 MHz</td>
<td>36M0G7F</td>
<td>74.47 dBW</td>
<td>8PSK, QPSK, digital video</td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()

**SES–LIC–20190404–00437**

E  E190137  WML Services, LLC

<table>
<thead>
<tr>
<th>Application for Authority</th>
<th>Fixed Earth Stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>
### SITE ID: 1
LOCATION: 7200 Campbellton Rd, Fulton, Atlanta, GA
**33° 41' 25.00" N LAT.** 84° 37' 22.00" W LONG.

- **ANTENNA ID:** 1 9 meters **Vertex/RSI** KP120
- 5925.0000 - 6425.0000 MHz 36M0G7F 75.46 dBW 8PSK, QPSK, digital video

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>License Number</th>
<th>Application for Authority</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-LIC-20190404-00438</td>
<td>E190138 WML Services, LLC</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

### SITE ID: 1
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
**33° 47' 1.30" N LAT.** 84° 23' 38.10" W LONG.

- **ANTENNA ID:** 1 11 meters **Scientific Atlanta** 8114
- 5925.0000 - 6425.0000 MHz 36M0G7F 75.37 dBW 8PSK, QPSK, digital video

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>License Number</th>
<th>Application for Authority</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-LIC-20190404-00457</td>
<td>E190166 WML Services, LLC</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

### SITE ID: 1
LOCATION: 1050 Techwood Drive, Fulton, Atlanta, GA
**33° 47' 2.80" N LAT.** 84° 23' 38.40" W LONG.

- **ANTENNA ID:** 1 10 meters **Scientific Atlanta** 8113
- 5925.0000 - 6425.0000 MHz 36M0G7F 74.47 dBW 8PSK, QPSK, digital video

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>License Number</th>
<th>Application for Modification</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-MOD-20180606-01292</td>
<td>E100178 Fox Broadcasting Company</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>
Fox Broadcasting Company requests modification of its fixed earth station in Colchester, VT to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

**SITE ID:** 1  
**LOCATION:** 298 MOUNTAIN VIEW DRIVE, CHITTENDEN, COLCHESTER, VT  
44° 30' 30.40" N LAT. 73° 10' 58.10" W LONG.  

**ANTEENA ID:** 4.5M. 4.5 meters ANDREW CORP. ESA45-46A  

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Emission Designator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Digital traffic, various FEC, modulations and data rates</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180606-01293** Ø E000375 Fox Broadcasting Company

**Application for Modification**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

---

Fox Broadcasting Company requests modification of its fixed earth station in Green Bay, WI to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

**SITE ID:** 1  
**LOCATION:** 9001 NORTH GREEN BAY ROAD, LA CROSSE, LA CROSSE, WI  
43° 51' 42.40" N LAT. 91° 14' 16.50" W LONG.  

**ANTEENA ID:** 4.5M. 4.5 meters ANDREW CORP. ESA45-46A  

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Emission Designator</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Digital traffic, various FEC, modulations and data rates</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>Video Carrier</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180606-01294** Ø E000378 Fox Broadcasting Company

**Application for Modification**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

---

Fox Broadcasting Company requests modification of its fixed earth station in La Crosse, WI to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.
Fox Broadcasting Company requests modification of its fixed earth station in Seattle, WA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

Fox Broadcasting Company requests modification of its fixed earth station in Milwaukee, WI to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.
Fox Broadcasting Company requests modification of its fixed earth station in Spokane, WA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

Denali 20020, LLC requests modification of its fixed earth station in Brewster, WA to add a 5-meter antenna to communicate with Permitted List satellites in the 3700-4200 (space-to-Earth) frequency band.
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Antenna Manufacturer</th>
<th>Frequency Range</th>
<th>Power Level</th>
<th>Service Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>6 meters</td>
<td>VERTEX</td>
<td>5925.0000 - 6425.0000 MHz</td>
<td>73.90 dBW</td>
<td>ANALOG COMPRESS VIDEO</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5925.0000 - 6425.0000 MHz</td>
<td>73.90 dBW</td>
<td>DIGITAL VIDEO, QPSK 3/4 FEC 30 MBPS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>73.90 dBW</td>
<td>ANALOG COMPRESS VIDEO</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>73.90 dBW</td>
<td>DIGITAL VIDEO, QPSK 3/4 FEC 30 MBPS</td>
</tr>
<tr>
<td>3</td>
<td>11 meters</td>
<td>HARRIS</td>
<td>5925.0000 - 6425.0000 MHz</td>
<td>86.00 dBW</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5925.0000 - 6425.0000 MHz</td>
<td>73.90 dBW</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>73.90 dBW</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>5 meters</td>
<td>DH</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>500 KG7W</td>
<td>DIGITAL VIDEO CARRIER</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20180710-03382</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**SITE ID:** 1

**LOCATION:** 2006 W. Altorfer (AMP Studios), Peoria, Peoria, IL

40° 40' 19.30" N LAT.
89° 37' 20.10" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Site Name</th>
<th>Power Level</th>
<th>Service Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMP-1</td>
<td>3.657 meters</td>
<td>Patriot</td>
<td>500 KG7W</td>
<td>Digital</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20180717-02466</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>SITE ID:</td>
<td>Site 1</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>LOCATION:</td>
<td>608 Johnson St, Howard, Big Spring, TX</td>
<td></td>
</tr>
<tr>
<td>LAT:</td>
<td>32° 14' 59.24&quot; N</td>
<td></td>
</tr>
<tr>
<td>LONG:</td>
<td>101° 28' 23.13&quot; W</td>
<td></td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>3.4M.</td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td>3.4 meters</td>
<td></td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>Prodelin</td>
<td></td>
</tr>
<tr>
<td>ID:</td>
<td>1344</td>
<td></td>
</tr>
<tr>
<td>Frequency:</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td></td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
<td></td>
</tr>
<tr>
<td>Service:</td>
<td>Digital Audio</td>
<td></td>
</tr>
<tr>
<td>Points of Communication:</td>
<td>Site 1 - PERMITTED LIST - ()</td>
<td></td>
</tr>
</tbody>
</table>

**Registration**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION:</td>
<td>9799 Allan Rd, Shiawassee, New Lothrop, MI</td>
</tr>
<tr>
<td>LAT:</td>
<td>43° 6' 9.18&quot; N</td>
</tr>
<tr>
<td>LONG:</td>
<td>83° 58' 26.13&quot; W</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>1-3</td>
</tr>
<tr>
<td>Size:</td>
<td>3.25 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>unknown</td>
</tr>
<tr>
<td>ID:</td>
<td>unknown</td>
</tr>
<tr>
<td>Frequency:</td>
<td>3715.0000 - 4180.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>4</td>
</tr>
<tr>
<td>Size:</td>
<td>3.65 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>unknown</td>
</tr>
<tr>
<td>ID:</td>
<td>unknown</td>
</tr>
<tr>
<td>Frequency:</td>
<td>4020.0000 - 4140.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>5</td>
</tr>
<tr>
<td>Size:</td>
<td>3 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>ID:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Frequency:</td>
<td>4020.0000 - 4140.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>6</td>
</tr>
<tr>
<td>Size:</td>
<td>3.8 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>ID:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Frequency:</td>
<td>3720.0000 - 4160.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>7</td>
</tr>
<tr>
<td>Size:</td>
<td>3.65 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>ID:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Frequency:</td>
<td>3716.0000 - 4160.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>8</td>
</tr>
<tr>
<td>Size:</td>
<td>3 meters</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>ID:</td>
<td>UNKNOWN</td>
</tr>
<tr>
<td>Frequency:</td>
<td>3785.0000 - 4173.0000 MHz</td>
</tr>
<tr>
<td>Power:</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>Service:</td>
<td>Analog and Digital video with associated subcarriers</td>
</tr>
</tbody>
</table>
King Broadcasting Company

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1501 1st Ave S #300 (Studio), King, Seattle, WA

47° 35' 22.40" N LAT.
122° 20' 5.60" W LONG.

ANTENNA ID: Dish 1-4
4.5 meters
Patriot
PRT-450

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

ANTENNA ID: G16
3.8 meters
Challenger
3.8 m

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

ANTENNA ID: G19
3.8 meters
Challenger
3.8 m

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

ANTENNA ID: NWCN
3.8 meters
Challenger
3.8 m

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

ANTENNA ID: SES2
3.8 meters
Challenger
3.8 m

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

ANTENNA ID: NBC B/U
3.8 meters
Challenger
3.8 m

3700.0000 - 4200.0000 MHz
36M0G7W
DIGITAL VIDEO

Points of Communication:

Comcast Cable Communications Management, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1201 Ashley Road, Rankin, Brandon, MS

32° 8' 16.80" N LAT.
89° 50' 12.30" W LONG.

ANTENNA ID: 4.0M.SA
4 meters
Scientific Atlanta
8003-1

3700.0000 - 4200.0000 MHz
36M0F8W
Digital Video Carrier
ANTENNA ID: 3.8M.SA 3.8 meters Scientific Atlanta 8003-1

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180803-02642 E181699 Comcast Cable Communications Management, LLC
Registration

Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2030 E. Polymer Dr, Hamilton, Chattanooga, TN
35 ° 2 ' 38.40 " N LAT. 85 ° 11 ' 20.20 " W LONG.

ANTENNA ID: 3.8M.PAT1 3.8 meters Patriot 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

SITE ID: 2
LOCATION: 2030 E. Polymer Dr, Hamilton, Chattanooga, TN
35 ° 2 ' 39.00 " N LAT. 85 ° 11 ' 18.00 " W LONG.

ANTENNA ID: 4.5M.SA1 4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO CARRIER

ANTENNA ID: 3.8M.PAT2 3.8 meters Patriot 3.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2.8M.SA2 2.8 meters Scientific Atlanta 9000

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20180803-02643 E181700 Comcast Cable Communications Management, LLC
Registration

Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 320 Union Avenue, Putnam, Crescent City, FL
29 ° 28 ' 19.40 " N LAT. 81 ° 32 ' 12.90 " W LONG.
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7M.COM</td>
<td>3.7 meters</td>
<td>Comtech</td>
<td>3.7 meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td>PAT</td>
<td>3.7 meters</td>
<td>Patriot</td>
<td>3.7 Meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td>3.7M.PRO</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>3.7 meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20180803-02644</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>173 Jeffery Duplantis Road, Terrebonne, Houma, LA</td>
<td>29 ° 37 ' 34.30 &quot; N</td>
<td>90 ° 45 ' 26.30 &quot; W</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Diameter</td>
<td>Manufacturer</td>
<td>ID Number</td>
</tr>
<tr>
<td>------------</td>
<td>----------</td>
<td>--------------</td>
<td>-----------</td>
</tr>
<tr>
<td>4.5M.-GE1</td>
<td>4.5 meters</td>
<td>GE SATCOM</td>
<td>4.5 Meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td>4.5M.-PAT1</td>
<td>4.5 meters</td>
<td>PATRIOT</td>
<td>4.5 Meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td>4.5M.-SA</td>
<td>4.5 meters</td>
<td>S/A</td>
<td>4.5 Meter</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>173 Jeffery Duplantis Road, Terrebonne, Houma, LA</td>
<td>29 ° 37 ' 34.30 &quot; N</td>
<td>90 ° 45 ' 27.00 &quot; W</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Diameter</td>
<td>Manufacturer</td>
<td>ID Number</td>
</tr>
<tr>
<td>------------</td>
<td>----------</td>
<td>--------------</td>
<td>-----------</td>
</tr>
<tr>
<td>5M.-COMT1</td>
<td>5 meters</td>
<td>COMTECH</td>
<td>S/A</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video Carrier</td>
</tr>
<tr>
<td>4.5M.-GE2</td>
<td>4.5 meters</td>
<td>GE SATCOM</td>
<td>S/A</td>
</tr>
</tbody>
</table>
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2.8M.-SA 2.8 meters S/A 2.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 3
LOCATION: 173 Jeffery Duplantis Road, Terrebonne, Houma, LA
29 ° 37 ' 34.30 " N LAT. 90 ° 45 ' 27.40 " W LONG.

ANTENNA ID: 5M.-COMT2 5 meters COMTECH 5 Meter

ANTENNA ID: 4.5M.-PAT2 4.5 meters PATRIOT 4.5 Meter

Points of Communication:

1 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()

SES–REG–20180803–02646  E E181703 Comcast Cable Communications Management, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5720 Asheville Hwy, Knox, Knoxville, TN
36 ° 0 ' 34.10 " N LAT. 83 ° 50 ' 15.90 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Patriot 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 2
LOCATION: 100 B. Sharp's Ridge Memorial Drive, Knox, Knoxville, TN
36 ° 0 ' 3.40 " N LAT. 83 ° 57 ' 3.20 " W LONG.

ANTENNA ID: 4.5M. 4.5 meters Scientific Atlanta 4.5 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()

SES–REG–20180803–02665  E E181716 Cox Communications Omaha, LLC
Registration
Class of Station: Fixed Earth Stations

Page 16 of 23
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11540 S.E. 41st Trail, Hamilton, Jasper, FL
30 ° 31 ' 5.70 " N LAT. 82 ° 55 ' 20.00 " W LONG.

ANTENNA ID: 5M. 5 meters Microdyne SATRO-5-M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180803–02666  E181717 Comcast Cable Communications Management, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1846 Hamilton Avenue, Hamilton, Jennings, FL
30 ° 35 ' 40.00 " N LAT. 83 ° 6 ' 57.00 " W LONG.

ANTENNA ID: 5M. 5 meters Microdyne SATRO-5-M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180803–02667  E181718 Comcast Cable Communications Management, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2 Tower Road, Tattnail, Glenville, GA
31 ° 56 ' 0.80 " N LAT. 84 ° 54 ' 34.50 " W LONG.

ANTENNA ID: 3.0M.PAT1 3 meters Patriot 3 Meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 2
LOCATION: 2 Tower Road, Tattnail, Glenville, GA
31 ° 56 ' 1.00 " N LAT. 81 ° 54 ' 34.30 " W LONG.

ANTENNA ID: 4.8M. SA1 4.8 meters Scientific Atlanta 4.8 Meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier
ANTENNA ID:  3.0M. SA2  3 meters  Scientific Atlanta  3 Meter

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

SITE ID:  3
LOCATION:  2 Tower Road, Tattnail, Glenville, GA
31° 56' 1.00" N LAT.  81° 54' 35.20" W LONG.

ANTENNA ID:  3.6M. PAT2  3.6 meters  Patriot  3.6 Meter

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

SITE ID:  4
LOCATION:  2 Tower Road, Tattnail, Glenville, GA
31° 56' 1.30" N LAT.  81° 54' 34.60" W LONG.

ANTENNA ID:  4.8M. PAT3  4.8 meters  Patriot  4.8 Meter

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

SITE ID:  5
LOCATION:  2 Tower Road, Tattnail, Glenville, GA
31° 56' 1.40" N LAT.  81° 54' 35.10" W LONG.

ANTENNA ID:  3.6M. PAT4  3.6 meters  Patriot  3.6 Meter

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()
2 - PERMITTED LIST - ()
3 - PERMITTED LIST - ()
4 - PERMITTED LIST - ()
5 - PERMITTED LIST - ()

SES–REG–20180803–02668  E181719  Comcast Cable Communications Management, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  100 Bohannon Road, Cowetta, Grantville, GA
33° 14' 34.30" N LAT.  84° 50' 55.50" W LONG.

ANTENNA ID:  4.8M. SA  4.8 meters  SCIENTIFIC-ATLANTA  4.8 Meter

Page 18 of 23
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier
ANTENNA ID:  2.4M. GD1  2.4 meters  GD  2.4 Meter
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier
ANTENNA ID:  3.7M. GD2  3.7 meters  GD  3.7 meter
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier
ANTENNA ID:  3.8M.PAT  3.8 meters  Patriot  3.8 Meter
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier
ANTENNA ID:  4.2M. DHS  4.2 meters  DH Satellite  4.2 Meter
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180808–03825  E  E190128  Hall Communications, Inc.
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service
SITE ID:  WICH Studio
LOCATION:  40 Cuprak Rd, New London, Norwich, CT
            41 ° 33 ’ 9.40 ” N LAT.  72 ° 4 ’ 34.30 ” W LONG.
ANTENNA ID:  ANT1  3.8 meters  Comtech  3.8 meter
3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Audio
ANTENNA ID:  ANT2  2.8 meters  Scientific Atlanta  9000/2.8 meter
3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Audio

Points of Communication:

WICH Studio - PERMITTED LIST - ()

SES–REG–20180809–02647  E  E181704  Comcast Cable Communications Management, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service
SITE ID:  1
LOCATION:  111 SW Oakdale Road, Lafayette, Mayo, FL
            30 ° 3 ’ 6.10 ” N LAT.  83 ° 11 ’ 12.00 ” W LONG.
<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Type</th>
<th>ID</th>
<th>Location</th>
<th>Site ID</th>
<th>Registration</th>
<th>Nature of Service</th>
<th>Class of Station</th>
<th>LAT.</th>
<th>LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SATRO-5-M</td>
<td>5M.</td>
<td>5m</td>
<td>Microdyne</td>
<td>1</td>
<td>SATRO-5-M</td>
<td>Digital Video Carrier</td>
<td>Fixed Earth Stations</td>
<td>3700.000 - 4200.000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3.2 Meter</td>
<td>3.2M.</td>
<td>3.2m</td>
<td>Scientific Atlanta</td>
<td>1</td>
<td>3.2M.</td>
<td>Digital Video Carrier</td>
<td>Fixed Earth Stations</td>
<td>3700.000 - 4200.000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3.7 Meter</td>
<td>3.7M.</td>
<td>3.7m</td>
<td>Patriot</td>
<td>1</td>
<td>3.7M.</td>
<td>Digital Video Carrier</td>
<td>Fixed Earth Stations</td>
<td>3700.000 - 4200.000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3.7 Meter</td>
<td>3.7M.</td>
<td>3.7m</td>
<td>AFC</td>
<td>1</td>
<td>3.7M.</td>
<td>Digital Video Carrier</td>
<td>Fixed Earth Stations</td>
<td>3700.000 - 4200.000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3.7 Meter</td>
<td>3.7M.</td>
<td>3.7m</td>
<td>Comtech</td>
<td>1</td>
<td>3.7M.</td>
<td>Digital Video Carrier</td>
<td>Fixed Earth Stations</td>
<td>3700.000 - 4200.000 MHz</td>
<td>36M0G7W</td>
</tr>
</tbody>
</table>
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4777 E 29th St, Pima, Tucson, AZ
32 ° 12 ’ 3.80 ” N LAT. 110 ° 53 ’ 25.90 ” W LONG.

ANTENNA ID: 3.7M.
3.7 meters Eagle 3.7M.

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 N 79th St, Maricopa, Chandler, AZ
33 ° 18 ’ 14.20 ” N LAT. 111 ° 54 ’ 50.40 ” W LONG.

ANTENNA ID: 4.5M.
4.5 meters Scientific Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1330 N. Meridian St., Marion, Indianapolis, IN
39 ° 47 ’ 6.30 ” N LAT. 86 ° 9 ’ 29.30 ” W LONG.

ANTENNA ID: 1
4.5 meters Patriot PRT-450

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2
3.8 meters DH Satellite 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier
ANTENNA ID: 3 3.8 meters Patriot PRT-380
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 4 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 5 4.5 meters Vinco 4.5M-ST
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20180907-02586</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: 1
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA
41° 31' 59.55" N LAT. 80° 52' 6.51" W LONG.
ANTENNA ID: Orw6 3.3 meters Channel Master 3.3M
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181009-03602</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: 1
LOCATION: 10851 W. Frontview, Ford, Dodge City, KS
37° 46' 46.10" N LAT. 100° 3' 41.60" W LONG.
ANTENNA ID: 5M. 5 meters DAWNco DH 5 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier
For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.