PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Wednesday May 27, 2020

SES-02270 Report No. re: Satellite Radio Applications Accepted For Filing

Satellite Communications Services

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

SES-AMD-20181016-03222 E E181390 Falcon Cable Media, a California Limited Partnership
Amendment
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02238 for a description of this application.

SITE ID: 1
LOCATION: 850 E Ocean Rd, Onslow, Holly Ridge, NC
34 ° 28 ’ 52.40 ” N LAT. 77 ° 33 ’ 19.80 ” W LONG.

ANTENNA ID: 1 5 meters Antenna Technology Corp. Simulsat 5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 3 4.6 meters Andrew ESA46
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 4 4.6 meters Scientific-Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 5 4.5 meters Andrew ESA45

Page 1 of 200
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  6  4.5 meters  DH Satellite  4.5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  7  4.5 meters  Scientific-Atlanta  8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  8  3.8 meters  Comtech  934D0015-G5

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  9  3.7 meters  Prodelin  1374

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  10  1.8 meters  Patriot  TX-INT180KU

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID:  11  7 meters  Simulsat  Simulsat 7

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID:  12  2.8 meters  Comm Scope  Prime Focus (C Band)

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID:  13  2.8 meters  Comm Scope  Prime Focus (C Band)

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID:  14  2.8 meters  Comm Scope  Prime Focus (C Band)

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID:  15  2.8 meters  Comm Scope  Prime Focus (C Band)

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES–AMD–20181016–03228 E181406 Spectrum Sunshine State, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
See IBFS File No. SES-REG-20180717-02256 for a description of this application.

**SITE ID:** 1
**LOCATION:** 3728 Arrow St, Kern, Bakersfield, CA
35° 23' 36.60" N LAT. 119° 2' 16.80" W LONG.

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<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Frequency Range</th>
<th>Video, Audio, Data</th>
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<td>Simulsat 5M</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<td>2</td>
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<td>Scientific-Atlanta</td>
<td>8008B</td>
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<td>Digital Video, Audio, Data</td>
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<td>3</td>
<td>4.6 meters</td>
<td>Andrew</td>
<td>ESA46</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>4</td>
<td>4.6 meters</td>
<td>Scientific-Atlanta</td>
<td>8346</td>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>5</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<td>6</td>
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<td>4.5M</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>7</td>
<td>4.5 meters</td>
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<td>8345</td>
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<td>Digital Video, Audio, Data</td>
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<tr>
<td>9</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>1374</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>10</td>
<td>1.8 meters</td>
<td>Patriot</td>
<td>TX-INT180KU</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
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<td>5 meters</td>
<td>ATCi</td>
<td>Simulsat</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Video, Audio, Data</td>
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**Points of Communication:**
### Class of Station: Fixed Earth Stations

### Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02239 for a description of this application.

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<th>LONGITUDE</th>
<th>ANTE NaNID</th>
<th>LENGTH</th>
<th>-</th>
<th>MANUFACTURER</th>
<th>DESCRIPTION</th>
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<td>48°0'13.70&quot; N</td>
<td>118°56'55.80&quot; W</td>
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<td>Simulsat 5M</td>
<td>Digital Video, Audio, Data</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<td>8008B</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<td>3</td>
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<td>ESA46</td>
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<td>36M0G7W</td>
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<td>8346</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>6</td>
<td>4.5 meters</td>
<td>DH Satellite</td>
<td>4.5M</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>934D0015-G5</td>
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<tr>
<td>10</td>
<td>1.8 meters</td>
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<td>TX-INT180KU</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>7</td>
<td>4.5 meters</td>
<td>Scientific-Atlanta</td>
<td>8345</td>
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</table>
Digital Video, Audio, Data
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 11 4 meters Patriot
Unknown

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID: 12 5 meters SA
Unknown

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID: 13 3.5 meters SA
Unknown

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

ANTENNA ID: 14 4 meters Patriot
Unknown

3700.0000 - 4200.0000 MHz 36M0G7W Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

Spectrum Mid-America, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02242 for a description of the application.

SITE ID: 1
LOCATION: 75 Westwoods Blvd, Franklin, Galloway/New Rome, OH
39 ° 56' 59.10" N LAT. 83 ° 8' 52.30" W LONG.

ANTENNA ID: 1 5 meters Antenna Technology Corp. Simulsat 5M

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 3 4.6 meters Andrew ESA46

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 4 4.6 meters Scientific-Atlanta 8346
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  5  4.5 meters  Andrew  ESA45

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  6  4.5 meters  DH Satellite  4.5M

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  7  4.5 meters  Scientific-Atlanta  8345

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  8  3.8 meters  Comtech  934D0015-G5

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  9  3.7 meters  Prodelin  1374

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  10  1.8 meters  Patriot  TX-INT180KU

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  11  4.5 meters  Patriot  Unknown

3700.0000 - 4200.0000 MHz  36M0G7W  Video, Audio, Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-AMD-20181016-03250  E181405  Oceanic Time Warner Cable LLC
Amendment
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02255 for a description of this application.

SITE ID:  1
LOCATION:  200 Akamainui St, Honolulu, Mililani, HI
21° 28’ 39.90” N LAT.  158° 1’ 10.45” W LONG.

ANTENNA ID:  1  5 meters  Scientific-Atlanta  8008B

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID:  2  5 meters  Antenna Technology Corp.  Simulsat 5M
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<th>ID</th>
<th>Manufacturer</th>
<th>Height</th>
<th>ID</th>
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<td>Andrew</td>
<td>ESA46</td>
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<td>ANTENNA ID: 4</td>
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<td>8346</td>
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<td>Digital Video, Audio, Data</td>
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<td>Andrew</td>
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<td>4.5M</td>
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<td>ANTENNA ID: 10</td>
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<td>TX-INT180KU</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<td>Model</td>
<td>Location</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>Scientific-Atlanta</td>
<td>4.5 meters</td>
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</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-AMD-20181016-03255**  E  E181233  Charter Communications Operating, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

See IBFS File No. SES-REG-20180703-01992 for a description of this application.
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 7  4.5 meters  Scientific-Atlanta  8345

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 8  3.8 meters  Comtech  934D0015-G5

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 9  3.7 meters  Prodelin  1374

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 10  1.8 meters  Patriot  TX-INT180KU

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 11  2.4 meters  Prodelin  1251

3700.0000 - 4200.0000 MHz  36M0G7W  Video, Audio, Data

ANTENNA ID: 12  2.4 meters  Prodelin  1251

3700.0000 - 4200.0000 MHz  36M0G7W  Video, Audio, Data

ANTENNA ID: 13  2.4 meters  Prodelin  1251

Points of Communication:

1 - PERMITTED LIST - ()

**SES-AMD-20181016-03288**  E181398  Bresnan Communications, LLC

Amendment

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

See IBFS File No. SES-REG-20180717-02246 for a description of this application.

SITE ID: 1
LOCATION: 440 S Beech St, Natrona, Casper, WY
42° 50' 44.90" N LAT.  106° 19' 16.40" W LONG.

ANTENNA ID: 1  5 meters  Antenna Technology Corp.  Simulsat 5M

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video, Audio, Data

ANTENNA ID: 2  5 meters  Scientific-Atlanta  8008B
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<th>Antenna ID</th>
<th>Diameter (m)</th>
<th>Manufacturer</th>
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<td>ESA46</td>
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<td>TX-INT180KU</td>
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Digital Video, Audio, Data
AC BidCo LLC requests modification of its blanket license to operate Ku-band earth stations in motion to add the following space stations as authorized points of communication: Intelsat 901 (S2405) (U.S.-licensed) at the 27.5° W.L. orbital location in the 14-14.5 GHz (Earth-to-space) and the 10.95-11.2 GHz and 11.45-11.7 GHz (space-to-Earth) frequency bands; the Intelsat 32e (S2922) (U.S.-licensed) at the 43.15° W.L. orbital location in the 4-14.5 GHz (Earth-to-space) and the 11.7-12.2 GHz (space-to-Earth) frequency bands; and Intelsat 39 (S3023) (U.S.-licensed) at the 61.95° E.L. orbital location in the 14-14.5 GHz (Earth-to-space) and the 10.7-11.7 GHz and 12.25-12.75 GHz (space-to-Earth) frequency bands. AC BidCo seeks waiver of footnote NG52 to Section 2.106 to permit ESAA operations in the 10.7-10.95 GHz and 11.2-11.45 GHz frequency bands on an unprotected, noninterference basis outside the U.S. with Intelsat 39, as well as waiver of the Table of Allocations to permit use of downlink spectrum in the 12.25-12.75 GHz (space-to-Earth) frequency band for ESAA operations. AC BidCo LLC requests to remove Intelsat 907 (S2411) at 27.5° W.L. from its license.

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<tr>
<th>SITE ID:</th>
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<td>LOCATION:</td>
<td>UP TO 1000 ESAA TERMINALS (0.24 m), CONUS and OCONUS</td>
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<th>AeroSat</th>
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**SITE ID:** AES2  
**LOCATION:** UP TO 2500 ESAA TERMINALS (0.74 m), CONUS and OCONUS  
**ANTENNA ID:** AES2 0.74 meters THINKOM 2KUANTENNA
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Points of Communication:

AES1 - ABS-3A (S2987) - (3 W. L.)
AES1 - ABS-3A (S2987) - (3.0 W.L.)
AES1 - AMAZONAS 2 (S2793) - (61 W.L.)
AES1 - AMC 21 - (124.9 W.L.)
AES1 - AMC-1(S2445) - (130.90)
AES1 - AMC-6 (S2347) - (83 W.L.)
AES1 - ANIK F1R - (107.3 W.L.)
AES1 - APSTAR 5 - (138 E.L.)
AES1 - APSTAR 6C(M161190) - (134 E.L.)
AES1 - ARSAT-2 - (81.0 W.L.)
AES1 - AsiaSat 7 - (105.5 E.L.)
AES1 - AsiaSat-9 - (122 E.L.)
AES1 - ASTRA 4A - (4.8 E.L.)
AES1 - E117 WA (S2873) - (116.8 W.L.)
AES1 - EUTELSAT115WB(S2938) - (114.9 W.L.)
AES1 - EUTELSAT172B(S3021) - (172 E.L.)
AES1 - GALAXY 17 (S2715) - (91 W.L.)
AES1 - GALAXY 28 (S2160) - (89.0 W.L.)
AES1 - HORIZONS-3 (S2947) - (169 E.L.)
AES1 - INTELSAT 14 (S2785) - (45.0 W.L.)
AES1 - INTELSAT 18 (S2817) - (180 E.L.)
AES1 - INTELSAT 19 (S2850) - (166.0 E.L.)
AES1 - INTELSAT 20 - (68.5 E.L.)
AES1 - INTELSAT 21 (S2863) - (58.0 W.L.)
AES1 - INTELSAT 22 - (72.1 E. L.)
AES1 - INTELSAT 29e (S2913) - (50.0 W.L.)
AES1 - INTELSAT 33e (S2939) - (60.0 E.L.)
AES1 - INTELSAT 37e (S2972) - (18.0 W.L.)
AES1 - INTELSAT 901 (S2405) - (27.5 W.L.)
AES1 - INTELSAT 907 (S2411) - (27.5 W.L.)
AES1 - JCSAT 5A - (132 E.L.)
AES1 - JCSAT-2B(M174163) - (154 E.L.)
AES1 - JCSAT-3A - (128 E.L.)
AES1 - OPTUS D2 - (152 E.L.)
AES1 - SES-1 (S2807) - (101.0 W.L.)
AES1 - SES-10 (S2950) - (66.9 W.L.)
AES1 - SES-14 (S2974) - (47.5 W.L.)
AES1 - SES-15 (S2951) - (129.15 W.L.)
AES1 - SES-2 (S2826) - (87 W.L.)
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<tr>
<th>Satellite</th>
<th>Model</th>
<th>Power (W.L.)</th>
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<tr>
<td>AES1 - SES-3</td>
<td>S2892</td>
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<td>AES1 - SES-4</td>
<td>S2828</td>
<td>(22.0 W.L.)</td>
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<td>AES1 - SES-6</td>
<td>S2870</td>
<td>(40.5 W.L.)</td>
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<td>AES1 - SKY-B1</td>
<td>S2922</td>
<td>(43.15 W.L.)</td>
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<td>AES1 - TELSTAR 11N</td>
<td>S2357</td>
<td>(37.5 W.L.)</td>
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<tr>
<td>AES1 - TELSTAR 12 V</td>
<td>S2933</td>
<td>(15 W.L.)</td>
</tr>
<tr>
<td>AES1 - TELSTAR 18</td>
<td></td>
<td>(138 E.L.)</td>
</tr>
<tr>
<td>AES1 - Yamal 300K</td>
<td></td>
<td>(177 W.L.)</td>
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<tr>
<td>AES1 - Yamal 401</td>
<td></td>
<td>(90 E.L.)</td>
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<tr>
<td>AES2 - AMAZONAS 2</td>
<td>S2793</td>
<td>(61 W.L.)</td>
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<tr>
<td>AES2 - AMC 21</td>
<td></td>
<td>(124.9 W.L.)</td>
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<tr>
<td>AES2 - AMC-4</td>
<td>S2135</td>
<td>(134.9 W.L.)</td>
</tr>
<tr>
<td>AES2 - AMC-6</td>
<td>S2347</td>
<td>(83 W.L.)</td>
</tr>
<tr>
<td>AES2 - AMC-6</td>
<td>S2347</td>
<td>(83 W.L.)</td>
</tr>
<tr>
<td>AES2 - ANIK F1R</td>
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<td>(107.3 W.L.)</td>
</tr>
<tr>
<td>AES2 - APSTAR 5</td>
<td></td>
<td>(138 E.L.)</td>
</tr>
<tr>
<td>AES2 - APSTAR 6C</td>
<td>M161190</td>
<td>(134 E.L.)</td>
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<tr>
<td>AES2 - ARSAT-2</td>
<td></td>
<td>(81.0 W.L.)</td>
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<tr>
<td>AES2 - AsiaSat 7</td>
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<td>(105.5 E.L.)</td>
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<td>AES2 - AsiaSat-9</td>
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<td>(122 E.L.)</td>
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<td>AES2 - ASTRA 4A</td>
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<td>(4.8 E.L.)</td>
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<td>AES2 - E117 WA</td>
<td>S2873</td>
<td>(116.8 W.L.)</td>
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<td>AES2 - EUTELSAT115WB</td>
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<td>(114.9 W.L.)</td>
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<td>AES2 - GALAXY 17</td>
<td>S2715</td>
<td>(91 W.L.)</td>
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<tr>
<td>AES2 - GALAXY 28</td>
<td>S2160</td>
<td>(89.0 W.L.)</td>
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<tr>
<td>AES2 - HORIZONS-3</td>
<td>S2947</td>
<td>(169 E.L.)</td>
</tr>
<tr>
<td>AES2 - INTELSAT 14</td>
<td>S2785</td>
<td>(45.0 W.L.)</td>
</tr>
<tr>
<td>AES2 - INTELSAT 18</td>
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<td>(180 E.L.)</td>
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<tr>
<td>AES2 - INTELSAT 19</td>
<td>S2850</td>
<td>(166.0 E.L.)</td>
</tr>
<tr>
<td>AES2 - INTELSAT 20</td>
<td></td>
<td>(68.5 E.L.)</td>
</tr>
</tbody>
</table>
Cox Communications Arizona, LLC requests modification of its fixed earth in Tucson, AZ to update the site and antenna information to communicate with the current licensed satellites in the current licensed frequency band.

SITE ID: Chandler
LOCATION: 4779 E. 29TH, PIMA, TUCSON, AZ
32° 12' 3.80" N LAT. 110° 53' 26.20" W LONG.
Scripps Broadcasting Holdings LLC requests modification of its fixed earth station in Nampa, ID to correct the site coordinates, update the emission designator to the current standards, make data corrections, and add antennas. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

Points of Communication:

1 - PERMITTED LIST - ()
Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WLFL Licensee, LLC requests modification of its fixed earth station in Raleigh, NC to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 3012 Highwoods BLVD, Wake, Raleigh, NC
35° 49' 17.30" N LAT. 78° 36' 14.90" W LONG.

ANTENNA ID: 1
4.5 meters Andrew Corporation ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 2
5 meters AFC 5M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AND DATA

ANTENNA ID: 3
3 meters AFC ES3M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AND DATA

ANTENNA ID: 4
4.6 meters EASI EASI4.5M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WSBT Licensee, LLC requests modification of its fixed earth station in Mishawaka, IN to add antennas to communicate with the current licensed points of communication in the current frequency band.

SITE ID: 1
LOCATION: 1301 E. Douglas Rd, St Joseph, Mishawaka, IN
41° 42' 28.70" N LAT. 86° 9' 56.50" W LONG.

ANTENNA ID: 1
4.5 meters Scientific Atlanta 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

Points of Communication:
WZTV Licensee, LLC requests modification of its fixed earth station in Nashville, TN to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

**SITE ID:** 1  
**LOCATION:** 631 Mainstream Drive, Davidson, Nashville, TN  
36 ° 11' 55.00" N LAT. 86 ° 49' 1.50" W LONG.

**ANTENNA ID:** 1  
4.5 meters  
AFC  
3700.0000 - 4200.0000 MHz  
36M0G7W  
digital data: various FEC, data rates and modulation

**ANTENNA ID:** 2  
4.5 meters  
ASC  
3700.0000 - 4200.0000 MHz  
36M0G7W  
Digital Video and Data

**ANTENNA ID:** 3  
5 meters  
AFC  
3700.0000 - 4200.0000 MHz  
36M0G7W  
Digital Video and Data

**ANTENNA ID:** 4  
4.5 meters  
PATRIOT  
3700.0000 - 4200.0000 MHz  
36M0G7W  
Digital Video and Data

**ANTENNA ID:** 5  
3.7 meters  
VIKING  
3700.0000 - 4200.0000 MHz  
36M0G7W  
Digital Video and Data

**Points of Communication:**

Gray Television Licensee, LLC requests modification of its fixed earth station in Myrtle Beach, MS to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

**SITE ID:** 1  
**LOCATION:** 918 Frontage Road East, Horry, Myrtle Beach, MS  
33 ° 42' 40.90" N LAT. 78 ° 54' 10.00" W LONG.

**ANTENNA ID:** 1  
4.5 meters  
SSE  
8345
Gray Television Licensee, LLC requests modification of its fixed earth station in Cape Girardeau, MO to add antennas to communicate with the current licensed points of communication in the current licensed frequency bands.

Site ID: 1
Location: 310 Broadway, Cape Girardeau, Cape Girardeau, MO
37° 18’ 25.00” N LAT.
89° 31’ 15.00” W LONG.

Antenna ID: 1
5 meters
30DH1

Digital Video Carrier

Gray Television Licensee, LLC requests modification of its fixed earth station in Savannah, GA to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

Site ID: 1
Location: 1511 Chatham Center Drive, Chatham, Savannah, GA
32° 3’ 59.30” N LAT.
81° 9’ 19.90” W LONG.

Antenna ID: 1
4.5 meters
PRT-450

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Gray Television Licensee, LLC requests modification of its fixed earth station in Cape Girardeau, MO to add antennas to communicate with the current licensed points of communication in the current licensed frequency bands.

Site ID: 1
Location: 310 Broadway, Cape Girardeau, Cape Girardeau, MO
37° 18’ 25.00” N LAT.
89° 31’ 15.00” W LONG.

Antenna ID: 1
5 meters
30DH1

Digital Video Carrier

Gray Television Licensee, LLC requests modification of its fixed earth station in Savannah, GA to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

Site ID: 1
Location: 1511 Chatham Center Drive, Chatham, Savannah, GA
32° 3’ 59.30” N LAT.
81° 9’ 19.90” W LONG.

Antenna ID: 1
4.5 meters
PRT-450

Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Gray Television Licensee, LLC requests modification of its fixed earth station in Cape Girardeau, MO to add antennas to communicate with the current licensed points of communication in the current licensed frequency bands.
<table>
<thead>
<tr>
<th>Points of Communication:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
</tr>
<tr>
<td><strong>Points of Communication:</strong></td>
</tr>
<tr>
<td><strong>1 - PERMITTED LIST - ()</strong></td>
</tr>
</tbody>
</table>

**Gray Television Licensee, LLC**

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Gray Television Licensee, LLC requests modification of its fixed earth station in Evansville, IN to relocate the station and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

**SITE ID:** 1

**LOCATION:** 1115 MT. AUBURN, VANDERBURGH, EVANSVILLE, IN

37° 59' 19.30" N LAT. 87° 35' 42.20" W LONG.

<table>
<thead>
<tr>
<th><strong>ANTENNA ID:</strong></th>
<th><strong>1</strong></th>
<th><strong>6.1 meters</strong></th>
<th><strong>ADM MANUFACTURING</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td><strong>36M0G7W</strong></td>
<td><strong>DIGITAL VIDEO CARRIER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>2</strong></td>
<td><strong>3.8 meters</strong></td>
<td><strong>DH</strong></td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td><strong>36M0G7W</strong></td>
<td><strong>DIGITAL VIDEO CARRIER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>3</strong></td>
<td><strong>3.8 meters</strong></td>
<td><strong>DH</strong></td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td><strong>36M0G7W</strong></td>
<td><strong>DIGITAL VIDEO CARRIER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>4</strong></td>
<td><strong>3.8 meters</strong></td>
<td><strong>PATRIOT</strong></td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td><strong>36M0G7W</strong></td>
<td><strong>DIGITAL VIDEO CARRIER</strong></td>
<td></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>5</strong></td>
<td><strong>3.8 meters</strong></td>
<td><strong>COMTECH</strong></td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td><strong>36M0G7W</strong></td>
<td><strong>DIGITAL VIDEO CARRIER</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**Gray Television Licensee, LLC**

Application for Modification

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service
Gray Television Licensee, LLC requests modification of its fixed earth station in Tucson, AZ to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 7831 N Business Park Drive, PIMA, Tucson, AZ
32° 20' 54.70" N LAT. 111° 5' 3.90" W LONG.

ANTENNA ID: 1 7 meters Scientific-Atlanta 8010CM
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 2 4.5 meters DH 45DHI
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 5 meters AFC 5.0METER
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 4 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 5 4.6 meters SCIENTIFIC ATLANTA 8346
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 6 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 7 3 meters ORBITRON SX10
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Gray Television Licensee, LLC requests modification of its fixed earth station in Lake Charles, LA to update current licensed satellite, add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 320 Division St, CALCASIEU, Lake Charles, LA
30° 13' 48.40" N LAT. 92° 12' 56.20" W LONG.

ANTENNA ID: 1 5.2 meters ATCi Simulsat 5B
Points of Communication:

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Application for Modification</th>
<th>Status</th>
<th>WCTI Licensee, LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

WCTI Licensee, LLC requests modification of its fixed earth station in New Bern, NC to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 225 Glenburnie Drive, Craven, New Bern, NC
35° 8’ 3.00” N LAT. 77° 3’ 46.00” W LONG.

<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Dimension</th>
<th>Manufacturer</th>
<th>Model</th>
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<tr>
<td>1</td>
<td>7.3 meters</td>
<td>Andrew Corporation</td>
<td>ESA73-46</td>
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<td>2</td>
<td>4.5 meters</td>
<td>DH SATELLITE</td>
<td>45DH1</td>
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<table>
<thead>
<tr>
<th>Digital Video Carrier</th>
<th>3700.0000 - 4200.0000 MHz</th>
<th>36M0G7W</th>
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<tbody>
<tr>
<td>Digital Video Carrier</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>Digital Video Carrier</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Application for Modification</th>
<th>Status</th>
<th>KABB Licensee, LLC</th>
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</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

KABB Licensee, LLC requests modification of its fixed earth station in San Antonio, TX to correct the geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 4335 NW Loop 410, Bexar, San Antonio, TX
29° 29’ 25.30” N LAT. 98° 34’ 11.50” W LONG.

<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Dimension</th>
<th>Manufacturer</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.1 meters</td>
<td>Vertex</td>
<td>KPC</td>
</tr>
</tbody>
</table>

Digital Video Carrier: 3700.0000 - 4200.0000 MHz 36M0G7W

ANDREW Corporation: 2 - 4.5 meters ESA45P
COMTECH: 3 - 3.8 meters 3.8m Dual Axis
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 2 ANDREW ESA-45MTPD

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 3 ASC ESA45MPED

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 4 VIASAT 8345

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 5 UNITED SATELLITE SYSTEMS 500

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 6 S-A SA4.2

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 7 PATRIOT 0AT3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03806 E E181333 ACC Licensee, LLC

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

WCTI Licensee, LLC requests modification of its fixed earth station in New Bern, NC to add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1

LOCATION: 1100 Wilson BLVD, Arlington, Arlington, VA

38 ° 53 ’ 39.20 ” N LAT. 77 ° 4 ’ 10.00 ” W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A

3700.0000 - 4200.0000 MHz 36M0G7W Digital video various FEC, data rates and modulation

ANTENNA ID: 2 3.5 meters PATRIOT PRT350

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data
Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181024-05238  E  E181886  Amb-OS Media, LLC
Application for Modification
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

Amb-OS Media, LLC requests modification of its fixed earth station in Irvine, CA to correct the geographic coordinates to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID:  1
LOCATION:  1641 Langley Ave, Orange, Irvine, CA
33 ° 41 ' 50.00 " N LAT.  117 ° 50 ' 53.40 " W LONG.

ANTENNA ID:  1
3.1 meters  PATRIOT
3.1 meter

3700.0000 - 4200.0000 MHz  36M0G7W
Digital Broadcast Video

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181030-03738  E  E960433  GCI Communication Corp.
Application for Modification
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

GCI Communication Corp. requests modification of its fixed earth station in Pilot Point, AK to relocate the earth station and to add and change emission designators. This station will continue to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID:  1
LOCATION:  PILOT POINT, AK
57 ° 34 ' 2.53 " N LAT.  157 ° 34 ' 27.70 " W LONG.

ANTENNA ID:  1
3.6 meters  Viasat/Scientific-Atlanta
8136

5925.0000 - 6425.0000 MHz  108MD7W  71.92 dBW  Phase and amplitude modulated voice, video, and data services.

3700.0000 - 4200.0000 MHz  108MD7W  Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz  53.70 dBW  Phase and amplitude modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz  53.71 dBW  Phase modulated voice, video, and data services.
5925.0000 - 6425.0000 MHz  71.92 dBW  Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz  53.70 dBW  Phase and amplitude modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz  53.71 dBW  Phase modulated voice, video, and data services.
3700.0000 - 4200.0000 MHz  71.92 dBW  Phase modulated voice, video, and data services.

Points of Communication:

1 - PERMITTED LIST - ()

**SES-MOD-20181030-03900**  E  E050214  Gray Television Licensee, LLC
Application for Modification
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Gray Television Licensee, LLC requests modification of its fixed earth station in Tyler, TX to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 105 WEST FERGUSON ST., SMITH, TYLER, TX
32 ° 21 ’ 7.70 ” N LAT. 95 ° 18 ’ 3.30 ” W LONG.

ANTENNA ID: 1 4.5 meters  ANDREW CORPORATION  ESA45
3700.0000 - 4200.0000 MHz  36M0G7W  DIGITAL VIDEO CARRIER

ANTENNA ID: 2 3.8 meters  COMTECH  3.8MDUAL AXIS
3700.0000 - 4200.0000 MHz  36M0G7W  DIGITAL VIDEO CARRIER

ANTENNA ID: 3 5.2 meters  ATCI  SIMULSAT 5
3700.0000 - 4200.0000 MHz  36M0G7W  DIGITAL VIDEO CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

**SES-MOD-20181030-05234**  E  E180250  WRGB Licensee, LLC
Application for Modification
Class of Station: Fixed Earth Stations

Page 27 of 200
Nature of Service: Fixed Satellite Service

WRGB Licensee, LLC requests modification of its fixed earth station in Schenectady, NY to correct geographic coordinates and add antennas to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 1400 Balltown Rd., Schenectady, Schenectady, NY
42 ° 48' 47.40" N LAT. 73 ° 53' 24.80" W LONG.

ANTENNA ID: 1 5 meters Satcom 500CS
3700.0000 - 4200.0000 MHz 36M0G7W digital data: various FEC, data rates and modulation

ANTENNA ID: 2 7 meters SCIENTIFIC-ATLANTA 8010
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 3 4.5 meters DH 4.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 4 5 meters RADIANTION SYSTEMS 4S500
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

1 - PERMITTED LIST - ()

WCHS Licensee, LLC requests modification of its fixed earth station in St. Albans, WV to update site address and emission designators to communicate with the current licensed points of communication in the current licensed frequency band.

SITE ID: 1
LOCATION: 400 SCOTT DEPOT, PUTNAM, ST. ALBANS, WV
38 ° 24' 28.00" N LAT. 81 ° 54' 13.00" W LONG.

ANTENNA ID: 1 4.6 meters SCIENTIFIC ATLANTA 8005PF
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 7 meters SCIENTIFIC ATLANTA 8010
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:
WCHS Licensee, LLC requests modification of its fixed earth station in West Virginia, WV to update the site address to communicate with the current licensed points of communication in the current licensed frequency band.

WLOS Licensee, LLC requests modification of its fixed earth station in Ashville, NC to correct the geographic coordinates to communicate with the current licensed points of communication in the current licensed frequency band.

WSET Licensee, LLC requests modification of its fixed earth station in West Virginia, WV to update the site address to communicate with the current licensed points of communication in the current licensed frequency band.
Nature of Service: Fixed Satellite Service

WSET Licensee, LLC requests modification of its fixed earth station in Lynchburg, VA to correct the geographic coordinates. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

**SITE ID:** 1  
**LOCATION:** 2320 LANGHORNE ROAD, AMHERST, LYNCHBURG, VA  
37° 24' 42.40" N LAT.  
79° 10' 9.30" W LONG.  

**ANTENNA ID:** 1  
4.5 meters  
ANDREW CORPORATION  
ESA45-4  

- 3700.0000 - 4200.0000 MHz  
36M0F3F  
STANDARD ANALOG VIDEO  

- 3700.0000 - 4200.0000 MHz  
36M0G7F  
COMPRESSED DIGITAL VIDEO  

**ANTENNA ID:** 2  
7.3 meters  
ANDREW CORPORATION  
ESA73-46  

- 3700.0000 - 4200.0000 MHz  
36M0F3F  
STANDARD ANALOG VIDEO  

- 3700.0000 - 4200.0000 MHz  
36M0G7W  
COMPRESSED DIGITAL VIDEO  

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20190523-00651**  
E860720  
WWMT Licensee, LLC  
Application for Modification  
Class of Station: Fixed Earth Stations  

**Class of Station:** Fixed Satellite Service  

WWMT Licensee, LLC requests modification of its fixed earth station in Kalamazoo, MI to update the site address and emission designators to communicate with the current licensed points of communication in the current licensed frequency band.

**SITE ID:** 1  
**LOCATION:** 590 WEST MAPLE, KALAMAZOO, KALAMAZOO, MI  
42° 16' 22.00" N LAT.  
85° 35' 29.00" W LONG.  

**ANTENNA ID:** 1  
4.5 meters  
SCIENTIFIC ATLANTA  
8345  

- 3700.0000 - 4200.0000 MHz  
36M0G7W  

**ANTENNA ID:** 2  
7 meters  
SCIENTIFIC ATLANTA  
8010C  

- 3700.0000 - 4200.0000 MHz  
36M0G7W  

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20190523-00766**  
E070169  
WICD Licensee, LLC  
Application for Modification  
Class of Station: Fixed Earth Stations  

Page 30 of 200
**Nature of Service:** Fixed Satellite Service

WICD Licensee, LLC, requests modification of its C-band receive-only antenna registration to add three more operational antennas of two types in addition to the previously registered Andrew 4.5 meter dish, and to correct geographic coordinates. Schedule B contains information only for the antennas being added. This station will continue to operate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.

| SITE ID: | W I C D Site 1 |
|LOCATION: | 250 S. COUNTRY FAIR RD., CHAMPAIGN, CHAMPAIGN, IL |
| | 40 ° 6' 51.50" N LAT. 88 ° 16' 49.20" W LONG. |
| ANTENNA ID: | 4.5M. 4.5 meters ANDREW CORP. ESA45 |
| | 3700.0000 - 4200.0000 MHz 36M0F3F STANDARD ANALOG VIDEO |
| | 3700.0000 - 4200.0000 MHz 36M0G7W COMPRESSION DIGITAL VIDEO |
| ANTENNA ID: | 2 4.9 meters ANDREW ESA4.9 |
| | 3700.0000 - 4200.0000 MHz 36M0G7W NULL |
| ANTENNA ID: | 3 4.7 meters USS USS47 |
| | 3700.0000 - 4200.0000 MHz 36M0G7W NULL |

**Points of Communication:**

| SITE ID: | W I C D Site 1 - PERMITTED LIST - () |

**Application for Modification**

| Class of Station: | Fixed Earth Stations |

**Nature of Service:** Fixed Satellite Service

Shell Communications Inc. requests modification of its fixed earth station in the Gulf of Mexico to add new emission designators to communicate with the current licensed points of communication in the current licensed frequency bands.

| SITE ID: | Shell Perdido |
|LOCATION: | GULF OF MEXICO |
| | 26 ° 7' 44.00" N LAT. 94 ° 53' 52.50" W LONG. |
| ANTENNA ID: | Seatel9797 2.4 meters Seatel 9797 |
| | 5925.0000 - 6425.0000 MHz 3M47G7W 55.93 dBW Digital |
| | 3700.0000 - 4200.0000 MHz 3M47G7W 0.00 dBW Digital |
| | 5925.0000 - 6425.0000 MHz 8M64G7W -19.12 dBW Digital, 8PSK |
| | 3700.0000 - 4200.0000 MHz 8M64G7W Digital, 8PSK |
| | 3700.0000 - 4200.0000 MHz 2M32G7W Digital, 8PSK |
Points of Communication:

Shell Perdido - EUTELSAT117WA(S2873) - (116.8 W.L.)

Shell Perdido - PERMITTED LIST - ()

SES–REG–20180703–01992 E181233 Charter Communications Operating, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

Charter Communications Operating, LLC amended this application by IBFS File No. SES-AMD-20181016-03255 to correct and update the site information and add an additional antennas. This information requires that the application to go back to public notice for 30 days.

SITE ID: 1
LOCATION: 700 Carillon Pkwy, Pinellas, St Petersburg, FL
27 ° 53 ' 16.40 " N LAT. 82 ° 40 ' 7.60 " W LONG.

ANTENNA ID: 1 5 meters ATCi Simulsat 5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 2 5 meters Scientific-Atlanta 8008B
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 3 4.6 meters Andrew ESA46
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 4 4.6 meters Scientific-Atlanta 8346
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 5 4.5 meters Andrew ESA45
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 6 4.5 meters DH Satellite 4.5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 7 4.5 meters Scientific-Atlanta 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 8 3.8 meters Comtech 934D0015-G5
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, Data

ANTENNA ID: 9 3.7 meters Prodelin 1374
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<thead>
<tr>
<th>Frequency Range</th>
<th>ID</th>
<th>Size</th>
<th>Model</th>
<th>Serial</th>
</tr>
</thead>
<tbody>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>5 meters</td>
<td>Antenna Technology Corp.</td>
<td>Simulsat 5M</td>
</tr>
<tr>
<td>Video, Audio, Data</td>
<td>TX-INT180KU</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.8 meters</td>
<td>Patriot</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4 meters</td>
<td>Prodelin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4 meters</td>
<td>Prodelin</td>
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<td></td>
</tr>
<tr>
<td>2.4 meters</td>
<td>Prodelin</td>
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<td>Points of Communication:</td>
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<td></td>
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<tr>
<td>1 - PERMITTED LIST - ()</td>
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<td>SES-REG-20180717-02238</td>
<td>E181390</td>
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<tr>
<td>Falcon Cable Media, a California Limited Partnership</td>
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<td>Registration</td>
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<td>Class of Station: Fixed Earth Stations</td>
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<tr>
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<td>Falcon Cable Media, a California Limited Partnership amended this application to correct and update the site information and add antennas. Another 30-day period is required. See IBFS File No. SES-AMD-20181016-03222.</td>
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</tr>
<tr>
<td>6</td>
<td>4.5</td>
<td>DH Satellite</td>
<td>4.5M</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>7</td>
<td>4.5</td>
<td>Scientific-Atlanta</td>
<td>8345</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>8</td>
<td>3.8</td>
<td>Comtech</td>
<td>934D0015-G5</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>9</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>10</td>
<td>1.8</td>
<td>Patriot</td>
<td>TX-INT180KU</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>11</td>
<td>7</td>
<td>Simulsat</td>
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<td>12</td>
<td>2.8</td>
<td>Comm Scope</td>
<td>Prime Focus (C Band)</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>13</td>
<td>2.8</td>
<td>Comm Scope</td>
<td>Prime Focus (C Band)</td>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>Prime Focus (C Band)</td>
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<td>15</td>
<td>2.8</td>
<td>Comm Scope</td>
<td>Prime Focus (C Band)</td>
<td>3700.0000 - 4200.0000 MHz</td>
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</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

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**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service
Falcon Video Communications, L. P., amended this application to correct and update the site information and add antennas. Another 30-day period is required. See IBFS File No. SES-AMD-20181016-03230.

| SITE ID: | 1 |
| LOCATION: | 144 Williams St, Okanogan, Elmer City, WA |
| LAT. | 48° 0’ 13.70” N |
| LONG. | 118° 56’ 55.80” W |

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>LOCATION</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>5 meters</td>
<td>Antenna Technology Corp.</td>
<td>Simulsat 5M</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>2</td>
<td>5 meters</td>
<td>Scientific-Atlanta</td>
<td>8008B</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3</td>
<td>4.6 meters</td>
<td>Andrew</td>
<td>ESA46</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>4</td>
<td>4.6 meters</td>
<td>Scientific-Atlanta</td>
<td>8346</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>5</td>
<td>4.5 meters</td>
<td>Andrew</td>
<td>ESA45</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>6</td>
<td>4.5 meters</td>
<td>DH Satellite</td>
<td>4.5M</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>8</td>
<td>3.8 meters</td>
<td>Comtech</td>
<td>934D0015-G5</td>
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<td>36M0G7W</td>
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<tr>
<td>9</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>1374</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>10</td>
<td>1.8 meters</td>
<td>Patriot</td>
<td>TX-INT180KU</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>7</td>
<td>4.5 meters</td>
<td>Scientific-Atlanta</td>
<td>8345</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>11</td>
<td>4 meters</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>12</td>
<td>5 meters</td>
<td></td>
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</tbody>
</table>
Points of Communication:

1 - PERMITTED LIST - ()

Spectrum Mid-America, LLC amended this application to correct and update the site information and add antennas. Another 30-day period is required. See BFS File No. SES-AMD-20181016-03239.

SITE ID: 1
LOCATION: 75 Westwoods Blvd, Franklin, Galloway/New Rome, WA
39° 56’ 59.10” N LAT.
83° 8’ 52.30” W LONG.

ANTENNA ID: 1
5 meters
Antenna Technology Corp.
Simulsat 5M

3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video, Audio, Data

ANTENNA ID: 2
5 meters
Scientific-Atlanta
8008B

3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video, Audio, Data

ANTENNA ID: 3
4.6 meters
Andrew
ESA46

3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video, Audio, Data

ANTENNA ID: 4
4.6 meters
Scientific-Atlanta
8346

3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video, Audio, Data

ANTENNA ID: 5
4.5 meters
Andrew
ESA45

3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video, Audio, Data

ANTENNA ID: 6
4.5 meters
DH Satellite
4.5M
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<tr>
<th>Frequency Range</th>
<th>Site ID</th>
<th>Manufacturer</th>
<th>Antenna Size</th>
<th>Antenna ID</th>
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<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
<td></td>
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</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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</tbody>
</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180717-02246**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Bresnan Communications, LLC</th>
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</thead>
</table>

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

Bresnan Communications, LLC amended this application to correct and update the site information and add antennas. Another 30-day period is required. See IBFS File No. SES-AMD-20181016-03288.

**SITE ID:** 1

**LOCATION:** 440 S Beech St, Natrona, Casper, WY

42 ° 50 ’ 44.90 ” N LAT. 106 ° 19 ’ 16.40 ” W LONG.

**ANTENNA ID:** 1

5 meters Antenna Technology Corp. Simulsat 5M

**ANTENNA ID:** 2

5 meters Scientific-Atlanta 8008B

**ANTENNA ID:** 3

4.6 meters Andrew ESA46

**ANTENNA ID:** 4

4.6 meters Scientific-Atlanta 8346
<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Location</th>
<th>Antenna ID</th>
<th>Manufacturer</th>
<th>Diameter</th>
<th>ID</th>
<th>Antenna Type</th>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>5</td>
<td>Andrew</td>
<td>4.5</td>
<td>ESA45</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>6</td>
<td>DH Satellite</td>
<td>4.5</td>
<td>4.5M</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>7</td>
<td>Scientific-Atlanta</td>
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<td>8345</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>9</td>
<td>Prodelin</td>
<td>3.7</td>
<td>1374</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>10</td>
<td>Patriot</td>
<td>1.8</td>
<td>TX-INT180KU</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>36M0G7W</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>13</td>
<td>Prodelin</td>
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**Points of Communication:**

1 - PERMITTED LIST - ()
Oceanic Time Warner Cable LLC amended this application to correct and update the site information and add antennas. Another 30-day period is required. See IBFS File No. SES-AMD-20181016-03250.

<table>
<thead>
<tr>
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<th>LOCATION: 200 Akamainui St, Honolulu, Mililani, HI</th>
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</thead>
<tbody>
<tr>
<td>LAT: 21° 28’ 39.90” N</td>
<td>LONG: 158° 1’ 10.45” W</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTEenna ID:</th>
<th>1</th>
<th>5 meters</th>
<th>Scientific-Atlanta</th>
<th>8008B</th>
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<tr>
<td>FREQUENCY:</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<tr>
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<th>2</th>
<th>5 meters</th>
<th>Antenna Technology Corp.</th>
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<td>FREQUENCY:</td>
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<td>36M0G7W</td>
<td>Digital Video, Audio, Data</td>
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<th>ANTEenna ID:</th>
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<th>4.6 meters</th>
<th>Andrew</th>
<th>ESA46</th>
</tr>
</thead>
<tbody>
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<thead>
<tr>
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<tr>
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<th>ESA45</th>
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<thead>
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<th>8345</th>
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<td>36M0G7W</td>
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<table>
<thead>
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<th>Comtech</th>
<th>934D0015-G5</th>
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<tr>
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<th>Prodelin</th>
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<tr>
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<table>
<thead>
<tr>
<th>ANTEenna ID:</th>
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<th>Patriot</th>
<th>TX-INT180KU</th>
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</tr>
<tr>
<td>Antenna ID</td>
<td>Type</td>
<td>ID</td>
<td>Frequency Range</td>
<td>Location</td>
</tr>
<tr>
<td>-----------</td>
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<td>-----------</td>
<td>-----------------</td>
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<tr>
<td>11</td>
<td>7 meters</td>
<td>Vertex RSI</td>
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<td>Video, Audio, Data</td>
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<td>Comtech</td>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>13</td>
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<td>Scientific-Atlanta</td>
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<td>15</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>Com tech</td>
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<td>Video, Audio, Data</td>
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<tr>
<td>18</td>
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Points of Communication:

1 - PERMITTED LIST - ()

Spectrum Sunshine State, LLC amended this application to correct and update the site information and add antennas. Another 30-day period is required. See IBFS File No. SES-AMD-20181016-03228.
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
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<th>Manufacturer</th>
<th>Model</th>
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<tr>
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<tr>
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<td>4.6</td>
<td>Andrew</td>
<td>ESA46</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>4</td>
<td>4.6</td>
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<td>8346</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
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<td>3.8</td>
<td>Comtech</td>
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<td>Digital Video, Audio, Data</td>
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<tr>
<td>9</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital Video, Audio, Data</td>
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<tr>
<td>10</td>
<td>1.8</td>
<td>Patriot</td>
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<td>Digital Video, Audio, Data</td>
</tr>
<tr>
<td>11</td>
<td>5</td>
<td>ATCi</td>
<td>Simulsat</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Video, Audio, Data</td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()


Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Corrected frequency band. Ready for AFFPN
SITE ID: 1
LOCATION: 334 E Radio Lane, Cowley, Arkansas City, KS
37° 5' 9.94" N LAT. 97° 2' 1.32" W LONG.

ANTENNA ID: 1 3.8 meters Comtech 829165-G1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180822–03969 E190275 Middle East Broadcasting Networks Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7600 Boston Boulevard, Fairfax, Springfield, VA
38° 44' 21.30" N LAT. 77° 12' 26.30" W LONG.

ANTENNA ID: 1 4.5 meters ANDREW ES45

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

ANTENNA ID: 2 3.8 meters PATRIOT 3.8 Meter

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180824–04002 E190308 Gray Television Licensee, LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: 501 2nd Ave SE, Cedar Rapids, IA
41 ° 58 ' 46.99 " N LAT. 91 ° 39 ' 48.35 " W LONG.
ANTENNA ID: 1 4.5 meters Andrew ESA45MPJ-1
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 2 4.5 meters ViaSat 8345
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 3 3.7 meters Prodelin/Viking Satcom P370PLR
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 4 3.1 meters Patriot Solid Commercial Ant
3700.0000 - 4200.0000 MHz 36M0G7W
ANTENNA ID: 5 2.3 meters Superior Antenna Manufacturing Inc QSL 7.5
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180919–04381 E190710 Corporation of the Presiding Bishop of The Church of Jesus Christ of Latter-day
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: MANSFIELD
LOCATION: 100 Brooklyn Street, MANSFIELD, PA
41 ° 48 ' 8.85 " N LAT. 77 ° 5 ' 6.01 " W LONG.
ANTENNA ID: 1 3.4 meters General Dynamics Satcom 1334
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: WILLIAMSPORT &
LOCATION: 82 Rader Ave, COGAN STATION, PA
41 ° 18 ' 36.35 " N LAT. 77 ° 4 ' 13.65 " W LONG.
ANTENNA ID: 2 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: GETTYSBURG, HANOVER
LOCATION: 1170 Kohler Mill Road, NEW OXFORD, PA
39 ° 50 ' 34.07 " N LAT. 77 ° 3 ' 19.82 " W LONG.
<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LAT.</th>
<th>LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAMP HILL, CARLISLE</td>
<td>216 Skyline Drive, MECHANICSBURG, PA</td>
<td>40° 14' 51.33&quot; N</td>
<td>77° 3' 4.77&quot; W</td>
</tr>
<tr>
<td>DOVER, LEWISBERRY</td>
<td>800 Pleasant Drive, YORK HAVEN, PA</td>
<td>40° 7' 26.97&quot; N</td>
<td>76° 50' 44.66&quot; W</td>
</tr>
<tr>
<td>HARRISBURG, HERSHEY</td>
<td>4788 Union Deposit Road, HARRISBURG, PA</td>
<td>40° 16' 51.45&quot; N</td>
<td>76° 48' 10.17&quot; W</td>
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<tr>
<td>LEWISBURG, SUNBURY</td>
<td>2294 Ridge Rd, NORTHUMBERLAND, PA</td>
<td>40° 55' 45.93&quot; N</td>
<td>76° 45' 41.34&quot; W</td>
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<tr>
<td>COLUMBIA (SP), SHREW</td>
<td>2100 Hollywood Dr, YORK, PA</td>
<td>39° 56' 28.10&quot; N</td>
<td>76° 41' 41.46&quot; W</td>
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<tr>
<td>LEBANON</td>
<td>455 Church Road, LEBANON, PA</td>
<td>40° 18' 28.95&quot; N</td>
<td>76° 28' 45.82&quot; W</td>
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<th>SIZE</th>
<th>MANUFACTURER</th>
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<td>Satcom 1344</td>
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<td>36M0G7W</td>
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<tr>
<td>4</td>
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<td>5</td>
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<td>Satcom 1344</td>
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<td>9</td>
<td>3.4</td>
<td>General Dynamics</td>
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<td>NULL</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
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</table>
SITE ID: MILLERSBURG
LOCATION: 465 Klinger Road, MILLERSBURG, PA
40 ° 32' 49.14" N LAT. 76 ° 53' 32.30" W LONG.

ANTENNA ID: 10 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: ELIZABETHTOWN, LITIT
LOCATION: 1136 Sunwood Lane, LANCASTER, PA
40 ° 4' 25.60" N LAT. 76 ° 22' 19.53" W LONG.

ANTENNA ID: 11 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: BERWICK
LOCATION: 7368 School House Road, BERWICK, PA
41 ° 3' 16.27" N LAT. 76 ° 20' 54.65" W LONG.

ANTENNA ID: 12 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: POTTSVILLE
LOCATION: 1501 Mahantongo Street, POTTSVILLE, PA
40 ° 40' 40.96" N LAT. 76 ° 12' 33.10" W LONG.

ANTENNA ID: 13 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TUNKHANNOCK
LOCATION: 411 Mile Road, TUNKHANNOCK, PA
41 ° 33' 32.41" N LAT. 75 ° 57' 12.96" W LONG.

ANTENNA ID: 14 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: EXETER, READING 1 &
LOCATION: 3344 Reading Crest Avenue, READING, PA
40 ° 23' 27.62" N LAT. 75 ° 56' 19.39" W LONG.

ANTENNA ID: 15 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: TOWANDA
LOCATION: 510 Ann Street, TOWANDA, PA
41 ° 46' 34.65" N LAT. 76 ° 27' 11.21" W LONG.
<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>Frequency Range</th>
<th>Site ID</th>
<th>Location</th>
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<tr>
<td>16</td>
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<td>General Dynamics</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>MONTROSE</td>
<td>Rte 706, MONTROSE, PA</td>
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<tr>
<td>17</td>
<td>3.4 meters</td>
<td>General Dynamics</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>KUTZTOWN</td>
<td>190 Kohler Road, KUTZTOWN, PA</td>
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<td>18</td>
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<td>General Dynamics</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>DOWNINGTOWN</td>
<td>1443 Telegraph Road, WEST CHESTER, PA</td>
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<td>19</td>
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<td>General Dynamics</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>CLARKS SUMMIT</td>
<td>505 Griffin Pond Road, CLARKS SUMMIT, PA</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>1140 Pohopoco Drive, LEHIGHTON, PA</td>
</tr>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>WILKES-BARRE</td>
<td>80 Manor Drive, TRUCKSVILLE, PA</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>NULL</td>
<td>NULL</td>
</tr>
</tbody>
</table>

Latitude and Longitude:
- MONTROSE: 41° 50' 31.26" N; 75° 48' 26.97" W
- KUTZTOWN: 40° 31' 13.28" N; 75° 45' 23.72" W
- DOWNINGTOWN: 39° 57' 10.08" N; 75° 41' 25.80" W
- CLARKS SUMMIT: 41° 30' 8.93" N; 75° 40' 6.85" W
- LEHIGHTON: 40° 51' 2.62" N; 75° 39' 17.07" W
- WILKES-BARRE: 41° 19' 40.63" N; 75° 54' 50.43" W
<table>
<thead>
<tr>
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<th>ALLENTOWN (SP), BETH</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION:</td>
<td>1881 Van Buren Drive, WHITEHALL, PA</td>
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<tr>
<td>LAT.</td>
<td>40° 37′ 54.42″ N</td>
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<tr>
<td>LONG.</td>
<td>75° 30′ 21.31″ W</td>
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<tr>
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</tr>
<tr>
<td>Manufacturer</td>
<td>General Dynamics</td>
</tr>
<tr>
<td>ID</td>
<td>Satcom 1344</td>
</tr>
<tr>
<td>MHz</td>
<td>3700.0000 - 4200.0000</td>
</tr>
<tr>
<td>ID</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>Location</td>
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<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>MILFORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION:</td>
<td>8667 Windom Drive, COOPERSBURG, PA</td>
</tr>
<tr>
<td>LAT.</td>
<td>40° 27′ 41.76″ N</td>
</tr>
<tr>
<td>LONG.</td>
<td>75° 26′ 49.15″ W</td>
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<td>ANTENNA ID:</td>
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<td>Manufacturer</td>
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<tr>
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<td>Satcom 1344</td>
</tr>
<tr>
<td>MHz</td>
<td>3700.0000 - 4200.0000</td>
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<tr>
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<table>
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<tr>
<th>SITE ID:</th>
<th>VALLEY FORGE 1, 2</th>
</tr>
</thead>
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<tr>
<td>LOCATION:</td>
<td>2530 Stinson Lane, NORRISTOWN, PA</td>
</tr>
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<td>LAT.</td>
<td>40° 7′ 13.04″ N</td>
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<td>75° 24′ 25.82″ W</td>
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<tr>
<td>LOCATION:</td>
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<td>LAT.</td>
<td>39° 57′ 20.52″ N</td>
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<td>3232 Sunrise Drive, STRoudsburg, PA</td>
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<td>Jarrettown &amp;</td>
<td>1501 Limekiln Pike, Dresher, PA</td>
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<td>Doylestown, SOuderto</td>
<td>1255 Ferry Road, Doylestown, PA</td>
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<td>Logan, Spring Garden</td>
<td>4720 North Broad Street, Philadelphia, PA</td>
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<td>Honesdale</td>
<td>111 Old Salem Pike, Honesdale, PA</td>
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<tr>
<td>Morrisville</td>
<td>1204 Pine Grove Road, Morrisville, PA</td>
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SITE ID: Mayaguez Puerto Rico
LOCATION: Urb. Eugenio Maria de Hostos 100 Ave. L, Mayaguez, PR
18° 8' 1.00" N LAT. 67° 5' 39.68" W LONG.

ANTENNA ID: 36 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Arecibo Ward
LOCATION: Calle M Hato Abajo Jardines de Arecibo, Arecibo, PR
18° 28' 15.04" N LAT. 66° 45' 9.62" W LONG.

ANTENNA ID: 37 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Ponce 2nd & 4th Ward
LOCATION: 1814 Calle Cascada, Ponce, PR
18° 0' 21.36" N LAT. 66° 21' 19.22" W LONG.

ANTENNA ID: 38 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: Toa Baja Ward
LOCATION: Urb Las Colinas, Toa Baja, PR
18° 24' 21.14" N LAT. 66° 13' 23.62" W LONG.

ANTENNA ID: 39 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W NULL

SITE ID: PENNYPACK
LOCATION: 2072 Red Lion Road, PHILADELPHIA, PA
40° 5' 54.07" N LAT. 75° 1' 12.72" W LONG.

ANTENNA ID: 40 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: Guayama Ward
LOCATION: Urb Rexmanor Calle Principal, Guayama, PR
17° 58' 58.79" N LAT. 66° 6' 15.53" W LONG.

ANTENNA ID: 41 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: Caguas Ward
LOCATION: Urb Bairoa Calle Parque Napoleon & Ave, Caguas, PR
18° 15' 39.91" N LAT. 66° 2' 55.53" W LONG.
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<th>Frequency Range</th>
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<td>SCITUATE</td>
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SITE ID: ANDERSON
LOCATION: 412 Harden Road, ANDERSON, SC
34° 31' 51.00" N LAT. 82° 39' 14.85" W LONG.

ANTENNA ID: 49 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NULL

SITE ID: NARRAGANSETT
LOCATION: 1240 Boston Neck Road, NARRAGANSETT, RI
41° 29' 36.68" N LAT. 71° 26' 19.33" W LONG.

ANTENNA ID: 50 3.4 meters General Dynamics Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

ALLENTOWN (SP), BETH - PERMITTED LIST - ()
ANDERSON - PERMITTED LIST - ()
Arcibo Ward - PERMITTED LIST - ()
BERWICK - PERMITTED LIST - ()
BROOMALL & - PERMITTED LIST - ()
Caguas Ward - PERMITTED LIST - ()
CAMP HILL, CARLISLE - PERMITTED LIST - ()
Caparra Ward - PERMITTED LIST - ()
CLARKS SUMMIT, SCRAN - PERMITTED LIST - ()
COLUMBIA (SP), SHREW - PERMITTED LIST - ()
DOVER, LEWISBERRY - PERMITTED LIST - ()
DOWNINGTOWN, WEST CH - PERMITTED LIST - ()
DOYLESTOWN, SOUDERTO - PERMITTED LIST - ()
EASTON, NAZARETH - PERMITTED LIST - ()
ELIZABETHTOWN, LITIT - PERMITTED LIST - ()
EXETER, READING 1 & - PERMITTED LIST - ()
GETTYSBURG, HANOVER - PERMITTED LIST - ()
Guayama Ward - PERMITTED LIST - ()
HARRISBURG, HERSHEY - PERMITTED LIST - ()
HONESDALE - PERMITTED LIST - ()
JARRETTOWN & - PERMITTED LIST - ()
KUTZTOWN, KUTZTOWN Y - PERMITTED LIST - ()
LEHIGHTON - PERMITTED LIST - ()
LEWISBURG, SUNBURY - PERMITTED LIST - ()
LOGAN, SPRING GARDEN - PERMITTED LIST - ()
MANSFIELD - PERMITTED LIST - ()
Mayaguez Puerto Rico - PERMITTED LIST - ()
MILFORD - PERMITTED LIST - ()
MILLERSBURG - PERMITTED LIST - ()
MONTROSE - PERMITTED LIST - ()
MORRISVILLE - PERMITTED LIST - ()
NARRAGANSETT - PERMITTED LIST - ()
NEWPORT - PERMITTED LIST - ()
PENNYPACK - PERMITTED LIST - ()
PHILADELPHIA 1, 4 - PERMITTED LIST - ()
Ponce 2nd & 4th Ward - PERMITTED LIST - ()
POTTSTOWN - PERMITTED LIST - ()
POTTSVILLE - PERMITTED LIST - ()
SCITUATE - PERMITTED LIST - ()
SENECA - PERMITTED LIST - ()
STROUDSBURG 1, 2, 3 - PERMITTED LIST - ()
Toa Baja Ward - PERMITTED LIST - ()
TOWANDA - PERMITTED LIST - ()
Trujillo Alto Ward - PERMITTED LIST - ()
TUNKHANNOCK - PERMITTED LIST - ()
VALLEY FORGE 1, 2 - PERMITTED LIST - ()
WARWICK, WARWICK YSA - PERMITTED LIST - ()
WILKES-BARRE - PERMITTED LIST - ()
WILLIAMSPORT & - PERMITTED LIST - ()
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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<th>Site ID</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Antenna ID</th>
<th>Frequency Range</th>
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<td>2</td>
<td>1415 Riverview Drive, PLATTE CITY, MO</td>
<td>39° 20' 56.13&quot; N</td>
<td>94° 46' 8.32&quot; W</td>
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<td>2808 Ridge Road, COLUMBUS, MS</td>
<td>33° 33' 41.65&quot; N</td>
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<td>34° 58' 57.81&quot; N</td>
<td>88° 29' 12.42&quot; W</td>
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SITE ID: 7
LOCATION: 13025 Wornall Road, KANSAS CITY, MO
38 ° 53 ' 26.19 " N LAT.  
94 ° 35 ' 40.99 " W LONG.

ANTENNA ID: 7  
3.4 meters  GENERAL DYNAMICS  
Satcom1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 8
LOCATION: 404 West George E Allen Drive, BOONEVILLE, MS
34 ° 40 ' 9.13 " N LAT.  
88 ° 34 ' 14.61 " W LONG.

ANTENNA ID: 8  
3.4 meters  GENERAL DYNAMICS  
Satcom 1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 9
LOCATION: 278 Manila Street, LUCEDALE, MS
30 ° 54 ' 52.43 " N LAT.  
88 ° 35 ' 20.23 " W LONG.

ANTENNA ID: 9  
3.4 meters  GENERAL DYNAMICS  
Satcom 1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 10
LOCATION: 3072 East Church Hill Road, WEST POINT, MS
33 ° 35 ' 36.43 " N LAT.  
88 ° 36 ' 25.95 " W LONG.

ANTENNA ID: 10  
3.4 meters  GENERAL DYNAMICS  
Satcom 1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 11
LOCATION: 5805 North Hills Street, MERIDIAN, MS
32 ° 24 ' 21.52 " N LAT.  
88 ° 44 ' 19.07 " W LONG.

ANTENNA ID: 11  
3.4 meters  GENERAL DYNAMICS  
Satcom 1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 12
LOCATION: 1085 South Thomas Street, TUPELO, MS
34 ° 14 ' 36.43 " N LAT.  
88 ° 44 ' 44.80 " W LONG.

ANTENNA ID: 12  
3.4 meters  GENERAL DYNAMICS  
Satcom 1344  

3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: 13
LOCATION: 1302 Martin Street, PASCAGOULA, MS
30 ° 21 ' 0.31 " N LAT.  
88 ° 31 ' 22.83 " W LONG.
ANTENNA ID: 13  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 14
LOCATION: 14928 Big Ridge Road, OCEAN SPRINGS, MS
30° 27' 2.64" N LAT.  88° 51' 32.78" W LONG.

ANTENNA ID: 14  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 15
LOCATION: 401 Doctors Drive, NEW ALBANY, MS
34° 29' 41.05" N LAT.  89° 1' 39.83" W LONG.

ANTENNA ID: 15  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 16
LOCATION: 2530 Brooklyn Avenue, KANSAS CITY, MO
39° 4' 45.79" N LAT.  94° 33' 26.96" W LONG.

ANTENNA ID: 16  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 17
LOCATION: 1033 Bounds Avenue, PHILADELPHIA, MS
32° 46' 6.91" N LAT.  89° 4' 36.24" W LONG.

ANTENNA ID: 17  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 18
LOCATION: 11148 Klein Road, GULFPORT, MS
30° 26' 46.55" N LAT.  89° 5' 9.91" W LONG.

ANTENNA ID: 18  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: 19
LOCATION: 39608 Highway 63 North, SAND HILL, MS
31° 21' 5.08" N LAT.  88° 45' 36.33" W LONG.

ANTENNA ID: 19  3.4 meters  GENERAL DYNAMICS  Satcom 1344
3700.0000 - 4200.0000 MHz  36M0G7W
SITE ID: 20
LOCATION: 722 Hall Street, WIGGINS, MS
30° 50' 56.37" N LAT. 89° 8' 33.72" W LONG.

ANTENNA ID: 20
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 21
LOCATION: 1618 Broadway Drive, HATTIESBURG, MS
31° 18' 5.75" N LAT. 89° 19' 19.64" W LONG.

ANTENNA ID: 21
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 22
LOCATION: 1911 McLaurin Street, WAVELAND, MS
30° 18' 12.73" N LAT. 89° 22' 37.13" W LONG.

ANTENNA ID: 22
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 23
LOCATION: 2502 Old Highway 24, HATTIESBURG, MS
31° 17' 8.56" N LAT. 89° 25' 20.98" W LONG.

ANTENNA ID: 23
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 24
LOCATION: 3501 South Lamar Boulevard, OXFORD, MS
34° 19' 23.80" N LAT. 89° 31' 21.79" W LONG.

ANTENNA ID: 24
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 25
LOCATION: 2706 Audubon Drive, LAUREL, MS
31° 43' 25.72" N LAT. 89° 8' 11.09" W LONG.

ANTENNA ID: 25
3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 26
LOCATION: 1720 Read Road, PICAYUNE, MS
30° 32' 23.08" N LAT. 89° 39' 43.81" W LONG.
<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LATITUDE</th>
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<tr>
<td>26</td>
<td>83 West Lakeview Drive, COLUMBIA, MS</td>
<td>31° 15' 30.98&quot; N</td>
<td>89° 47' 20.95&quot; W</td>
</tr>
<tr>
<td>27</td>
<td>1255 Goodman Road East, SOUTHAVEN, MS</td>
<td>34° 57' 42.96&quot; N</td>
<td>89° 58' 2.96&quot; W</td>
</tr>
<tr>
<td>28</td>
<td>12735 Hwy 4 West, SENATOBIA, MS</td>
<td>32° 17' 31.47&quot; N</td>
<td>90° 2' 5.44&quot; W</td>
</tr>
<tr>
<td>29</td>
<td>175 Burnham Road South, BRANDON, MS</td>
<td>31° 37' 10.09&quot; N</td>
<td>90° 7' 0.61&quot; W</td>
</tr>
<tr>
<td>30</td>
<td>2932 Hwy 49, COLLINS, MS</td>
<td>33° 30' 11.62&quot; N</td>
<td>90° 7' 0.61&quot; W</td>
</tr>
<tr>
<td>31</td>
<td>1015 Park Lane, GREENWOOD, MS</td>
<td>32° 17' 31.47&quot; N</td>
<td>89° 47' 20.95&quot; W</td>
</tr>
<tr>
<td>32</td>
<td>1255 Goodman Road East, SOUTHAVEN, MS</td>
<td>34° 57' 42.96&quot; N</td>
<td>89° 58' 2.96&quot; W</td>
</tr>
<tr>
<td>27</td>
<td>12735 Hwy 4 West, SENATOBIA, MS</td>
<td>32° 17' 31.47&quot; N</td>
<td>90° 2' 5.44&quot; W</td>
</tr>
<tr>
<td>30</td>
<td>175 Burnham Road South, BRANDON, MS</td>
<td>31° 37' 10.09&quot; N</td>
<td>90° 7' 0.61&quot; W</td>
</tr>
<tr>
<td>31</td>
<td>2932 Hwy 49, COLLINS, MS</td>
<td>33° 30' 11.62&quot; N</td>
<td>90° 7' 0.61&quot; W</td>
</tr>
<tr>
<td>SITE ID</td>
<td>LOCATION</td>
<td>LATITUDE</td>
<td>LONGITUDE</td>
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<tr>
<td>--------</td>
<td>----------</td>
<td>----------</td>
<td>-----------</td>
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<tr>
<td>33</td>
<td>342 West Main Street, FLORENCE, MS</td>
<td>32° 9' 51.69&quot; N</td>
<td>90° 9' 9.40&quot; W</td>
</tr>
<tr>
<td>34</td>
<td>1301 Pinehaven Road, CLINTON, MS</td>
<td>32° 21' 16.02&quot; N</td>
<td>90° 19' 28.35&quot; W</td>
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<tr>
<td>35</td>
<td>28178 Hwy 28 East, HAZLEHURST, MS</td>
<td>31° 52' 26.43&quot; N</td>
<td>90° 22' 15.82&quot; W</td>
</tr>
<tr>
<td>36</td>
<td>1501 Ingram Street, BROOKHAVEN, MS</td>
<td>31° 35' 37.37&quot; N</td>
<td>90° 26' 52.31&quot; W</td>
</tr>
<tr>
<td>37</td>
<td>243 Hoy Rd, MADISON, MN</td>
<td>32° 27' 56.17&quot; N</td>
<td>90° 6' 20.42&quot; W</td>
</tr>
<tr>
<td>38</td>
<td>213 East Blalock Circle, LIBERTY, MS</td>
<td>31° 9' 47.75&quot; N</td>
<td>90° 47' 14.83&quot; W</td>
</tr>
<tr>
<td>39</td>
<td>6300 Indiana Avenue, VICKSBURG, MS</td>
<td>32° 19' 28.10&quot; N</td>
<td>90° 49' 48.53&quot; W</td>
</tr>
<tr>
<td>SITE ID</td>
<td>LOCATION</td>
<td>LATITUDE</td>
<td>LONGITUDE</td>
</tr>
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<td>--------</td>
<td>----------------------------------------------</td>
<td>---------------------</td>
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</tr>
<tr>
<td>39</td>
<td>GENERAL DYNAMICS 3.4 meters</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>40</td>
<td>1140 Wilcox Road, SWIFTWATER, MS</td>
<td>33° 19' 38.44&quot; N</td>
<td>91° 2' 28.24&quot; W</td>
</tr>
<tr>
<td>41</td>
<td>162 Lower Woodville Road, NATCHEZ, MS</td>
<td>31° 32' 5.36&quot; N</td>
<td>91° 24' 1.49&quot; W</td>
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<tr>
<td>42</td>
<td>120 Pleasant Hill Drive, WINONA, MN</td>
<td>44° 2' 44.44&quot; N</td>
<td>91° 42' 11.16&quot; W</td>
</tr>
<tr>
<td>43</td>
<td>2155 Morman Trail Northwest, WESSON, MS</td>
<td>31° 40' 5.82&quot; N</td>
<td>90° 34' 28.22&quot; W</td>
</tr>
<tr>
<td>44</td>
<td>2300 Viola Heights Drive Northeast, ROCHESTER, MN</td>
<td>44° 2' 51.71&quot; N</td>
<td>92° 25' 54.20&quot; W</td>
</tr>
<tr>
<td>45</td>
<td>1002 16th Street Southeast, ROCHESTER, MN</td>
<td>43° 59' 58.99&quot; N</td>
<td>92° 26' 47.00&quot; W</td>
</tr>
</tbody>
</table>
SITE ID: 46
LOCATION: 1405 Halvorson Road, CARLTON, MN
46 ° 40 ' 16.14 " N LAT. 92 ° 27 ' 36.16 " W LONG.

ANTENNA ID: 46 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 47
LOCATION: 602 13th Street South, VIRGINIA, MN
47 ° 30 ' 40.81 " N LAT. 92 ° 32 ' 30.50 " W LONG.

ANTENNA ID: 47 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 48
LOCATION: 3422 Hwy 23 East, ASKOV, MN
46 ° 11 ' 10.50 " N LAT. 92 ° 47 ' 26.14 " W LONG.

ANTENNA ID: 48 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 49
LOCATION: 521 Upham Road, DULUTH, MN
46 ° 48 ' 2.99 " N LAT. 92 ° 7 ' 8.47 " W LONG.

ANTENNA ID: 49 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: 50
LOCATION: 11900 114th Street, COTTAGE GROVE, MN
44 ° 47 ' 0.05 " N LAT. 92 ° 51 ' 50.00 " W LONG.

ANTENNA ID: 50 3.4 meters GENERAL DYNAMICS Satcom 1344
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()
10 - PERMITTED LIST - ()
11 - PERMITTED LIST - ()
12 - PERMITTED LIST - ()
13 - PERMITTED LIST - ()
14 - PERMITTED LIST - ()
<table>
<thead>
<tr>
<th>Site ID</th>
<th>Location Details</th>
<th>Antenna Details</th>
<th>Frequency Band</th>
<th>Points of Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>3300 E Chestnut Expressway, Greene, Springfield, MO</td>
<td>Scientific Atlanta 2.8 meters</td>
<td>37°12'34.00&quot;N LAT.</td>
<td>Antennas</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>93°14'1.00&quot;W LONG.</td>
<td>Points of Communication</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital</td>
</tr>
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</table>

**Points of Communication:**

- Site 1 - PERMITTED LIST - ()
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter (m)</th>
<th>Brand</th>
<th>Model</th>
<th>Nature of Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.8</td>
<td>Patriot</td>
<td>3.8 A2/EL Commercial</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Broadcast Audio Carrier</td>
<td></td>
<td></td>
</tr>
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</table>

Points of Communication:

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>SITE ID:</th>
<th>LOCATION:</th>
<th>LAT.</th>
<th>LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selective TV</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Selective TV</td>
<td>4340 County Road 22, Douglas, Garfield, MN</td>
<td>45 ° 55 ' 59.00 &quot;</td>
<td>95 ° 26 ' 51.00 &quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter (m)</th>
<th>Brand</th>
<th>Model</th>
<th>Nature of Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.7</td>
<td>ChannelMaster</td>
<td>1</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video Carrier</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

Selective TV - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>SITE ID:</th>
<th>LOCATION:</th>
<th>LAT.</th>
<th>LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>WICN Public Radio</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Studio Roof</td>
<td>50 Portland St., Worcester, Worcester, MA</td>
<td>42 ° 15 ' 35.00 &quot;</td>
<td>71 ° 48 ' 7.10 &quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter (m)</th>
<th>Brand</th>
<th>Model</th>
<th>Nature of Carrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.8</td>
<td>Microdyne</td>
<td>M38</td>
<td>3.7000 - 4.2000 MHz</td>
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<tr>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital audio and video services.</td>
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Points of Communication:

Studio Roof - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>SITE ID:</th>
<th>LOCATION:</th>
<th>LAT.</th>
<th>LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spencer Municipal Utilities</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site A</td>
<td>520 2nd Avenue East Suite 1, Clay, Spencer, IA</td>
<td>43 ° 8 ' 44.00 &quot;</td>
<td>95 ° 8 ' 33.00 &quot;</td>
</tr>
</tbody>
</table>
ANTENNA ID: 1  7.4 meters  Antenna Tech Comm INC  Simulsat 5
3700.0000 - 4200.0000 MHz  36M0G7F  0.00 dBW  Video

Points of Communication:

Site A - PERMITTED LIST - ()

**SES–REG–20181003–04709**  E  E191075  Gray Television Licensee, LLC

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

SITE ID: 1
LOCATION: 815 23rd Ave, Meridian, MS
32 ° 21 ’ 56.91 ” N LAT.  88 ° 42 ’ 7.63 ” W LONG.

ANTENNA ID: 1  7.3 meters  Andrew  ESA73-46A
3700.0000 - 4200.0000 MHz  36M0G7W

ANTENNA ID: 2  4.5 meters  Andrew  ESA45-46A
3700.0000 - 4200.0000 MHz  36M0G7W

ANTENNA ID: 3  3.8 meters  DH Satellite  DH-38M
3700.0000 - 4200.0000 MHz  36M0G7W

ANTENNA ID: 4  3 meters  Norsat  Patriot
3700.0000 - 4200.0000 MHz  36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20181003–04879**  E  E191251  Kingdom Access Television

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

SITE ID: Kingdom Access TV
LOCATION: 515 Bay Street, Caledonia, St. Johnsbury, VT
44 ° 29 ’ 49.28 ” N LAT.  72 ° 0 ’ 53.67 ” W LONG.

ANTENNA ID: KATV-1  3.25 meters  Unimesh  N/A
3700.0000 - 4200.0000 MHz  6M00C7W  ATSC Video (Digital TV) mpeg

Points of Communication:
### Kingdom Access TV - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>E191227</th>
<th>BEASLEY MEDIA GROUP LICENSES, LLC</th>
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<tbody>
<tr>
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<td>Fixed Earth Stations</td>
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</tr>
<tr>
<td><strong>Nature of Service</strong>:</td>
<td>Fixed Satellite Service</td>
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<tr>
<td><strong>SITE ID</strong>:</td>
<td>RO 1</td>
<td></td>
</tr>
<tr>
<td><strong>LOCATION</strong>:</td>
<td>55 Morrisey Blvd., Suffolk, Boston, MA</td>
<td>42° 19' 3.80&quot; N LAT. 71° 3' 1.70&quot; W LONG.</td>
</tr>
<tr>
<td><strong>LOCATION</strong>:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ANTENNA ID</strong>:</td>
<td>1</td>
<td>3.7 meters</td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>Digital Video and Data</td>
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<td><strong>Points of Communication</strong>:</td>
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<table>
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<tr>
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<th>E191249</th>
<th>N. W. Communications</th>
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<td>Fixed Earth Stations</td>
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</tr>
<tr>
<td><strong>Nature of Service</strong>:</td>
<td>Fixed Satellite Service</td>
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</tr>
<tr>
<td><strong>SITE ID</strong>:</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>LOCATION</strong>:</td>
<td>206 Main St, Holt, Maitland, MO</td>
<td>40° 12' 0.84&quot; N LAT. 95° 4' 27.76&quot; W LONG.</td>
</tr>
<tr>
<td><strong>LOCATION</strong>:</td>
<td></td>
<td></td>
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<tr>
<td><strong>ANTENNA ID</strong>:</td>
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<td>3.8 meters</td>
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<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>QPSK, compressed video</td>
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<tr>
<td><strong>ANTENNA ID</strong>:</td>
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<td>3.8 meters</td>
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<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>QPSK, compressed video</td>
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<td><strong>ANTENNA ID</strong>:</td>
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<td>3.8 meters</td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>QPSK, compressed video</td>
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<tr>
<td><strong>ANTENNA ID</strong>:</td>
<td>4</td>
<td>3.2 meters</td>
</tr>
<tr>
<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>QPSK, compressed video</td>
</tr>
<tr>
<td><strong>ANTENNA ID</strong>:</td>
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<td>3.7 meters</td>
</tr>
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<td><strong>3700.0000 - 4200.0000 MHz</strong></td>
<td>36M0G7W</td>
<td>QPSK, compressed video</td>
</tr>
</tbody>
</table>

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| Points of Communication: | | |

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Page 65 of 200
### Class of Station: Fixed Earth Stations

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

<table>
<thead>
<tr>
<th>Site ID</th>
<th>Location</th>
<th>Antenna ID</th>
<th>Frequency Range</th>
<th>Modulation</th>
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<tbody>
<tr>
<td>1</td>
<td>460 N. Main, Vernon County, Schell City, MO</td>
<td>Channel Master</td>
<td>37° 56' 48.01&quot; N LAT., 93° 23' 49.62&quot; W LONG.</td>
<td>QPSK, compressed video</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Comtech</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Prodelin</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
</tr>
<tr>
<td>4</td>
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<td>Comtech</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
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<td>Channel Master</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
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<td>QPSK, compressed video</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>QPSK, compressed video</td>
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</table>

### Points of Communication:

<table>
<thead>
<tr>
<th>Point of Communication</th>
<th>( )</th>
</tr>
</thead>
</table>
SITE ID: Studio
LOCATION: 1458 Dublin Road, Franklin, Columbus, OH
39° 59’ 8.60” N LAT. 83° 3’ 54.00” W LONG.

ANTENNA ID: 1 3.2 meters AFC (Microdyne) PR-10

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio Signals

Points of Communication:

Studio - PERMITTED LIST - ()

Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Corrected frequency bands. Ready for AFFPN

SITE ID: WFTM Studio
LOCATION: 626 Forest Avenue PO Box 100, USA, Maysville, KY
38° 38’ 30.00” N LAT. 83° 45’ 0.00” W LONG.

ANTENNA ID: WFTMStudio 4.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

WFTM Studio - AMC-8 (S2379 - (139 W.L.)

Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 94 Bentley Court, Robertson, Mounty Olivet, KY
38° 31’ 45.00” N LAT. 84° 2’ 18.00” W LONG.

ANTENNA ID: 1 3.8 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 2
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38° 31’ 44.00” N LAT. 84° 2’ 19.00” W LONG.

ANTENNA ID: 2 3.1 meters Patriot Not Known

3700.0000 - 4200.0000 MHz 36M0G7D
SITE ID: 3
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 19.00 " W LONG.

ANTENNA ID: 3 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 4
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 19.00 " W LONG.

ANTENNA ID: 4 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 5
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT.

ANTENNA ID: 5 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 6
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 43.00 " N LAT. 84 ° 2 ' 20.00 " W LONG.

ANTENNA ID: 6 3.8 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

SITE ID: 7
LOCATION: 94 Bentley Court, Robertson, Mt. Olivet, KY
38 ° 31 ' 44.00 " N LAT. 84 ° 2 ' 20.00 " W LONG.

ANTENNA ID: 7 3.1 meters Patriot Not Known
3700.0000 - 4200.0000 MHz 36M0G7D

Points of Communication:

1 - SES-3 (S2892) - (103 W.L.)
2 - GALAXY 17 (S2715) - (91 W.L.)
3 - AMC 10 (S2432) - (135 W.L.)
4 - AMC-15 (S2180) - (105.0 W.L.)
5 - AMC-11(S2433) - (131 W.L.)
6 - GALAXY 14 (S2385) - (125 W.L.)
### Galaxy 15 (S2387) - 133.1

<table>
<thead>
<tr>
<th>Registration</th>
<th>UniMas Fresno LLC</th>
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<tbody>
<tr>
<td><strong>Class of Station:</strong></td>
<td>Fixed Earth Stations</td>
</tr>
<tr>
<td><strong>Nature of Service:</strong></td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**SITE ID:** 1  
**LOCATION:** Upper Grouse Valley Rd, Tulare, Balch Park, CA  
36° 17' 12.74" N LAT. 118° 59' 19.34" W LONG.  

<table>
<thead>
<tr>
<th><strong>ANTENNA ID:</strong></th>
<th><strong>Height:</strong></th>
<th><strong>Antenna Model:</strong></th>
<th><strong>Points of Communication:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
</tbody>
</table>

**Points of Communication:**  
1 - PERMITTED LIST - ()

### Galaxy 15 (S2387) - 133.1

<table>
<thead>
<tr>
<th>Registration</th>
<th>Armstrong Utilities, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Class of Station:</strong></td>
<td>Fixed Earth Stations</td>
</tr>
<tr>
<td><strong>Nature of Service:</strong></td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**SITE ID:** 1  
**LOCATION:** 276 Foxhunters Club Rd, Greenup, Greenup, KY  
38° 31' 11.90" N LAT. 82° 48' 25.50" W LONG.  

<table>
<thead>
<tr>
<th><strong>ANTENNA ID:</strong></th>
<th><strong>Height:</strong></th>
<th><strong>Antenna Model:</strong></th>
<th><strong>Points of Communication:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>2</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>3</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>4</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>5</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>37000.0000 - 4200.0000 MHz</td>
</tr>
</tbody>
</table>

**Points of Communication:**  
1 - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1020 S. Brazos Street, Houston, Crockett, TX 31°18'16.60" N LAT. 95°27'4.00" W LONG.

ANTENNA ID: Scientific Atlanta, 4.5 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, Digital Video Programming

ANTENNA ID: 2, 3.8 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, Digital Video Programming

ANTENNA ID: 3, 3.8 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, Digital Video Programming

ANTENNA ID: 4, 3.8 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, Digital Video Programming

ANTENNA ID: 5, 3 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Worthington
LOCATION: 28779 County Highway 35, Nobles, WORTHINGTON, MN 43°37'48.57" N LAT. 95°40'43.43" W LONG.

ANTENNA ID: Scientific Atlanta, 2.8 meters
Freq: 3700.0000 - 4200.0000 MHz, 0.00 dBW, QPSK

Points of Communication:

Worthington - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: MIA - Miami IA
LOCATION: 2100 NW 42nd Ave, Dade, Miami, FL
LAT.: 25° 47' 47.80" N
LONG.: 80° 16' 39.80" W

ANTENNA ID: 1
ANTENNA: 3.7 meters
Service: DVB-S2/AVC Video Services

Points of Communication:
MIA - Miami IA - PERMITTED LIST - ()

---

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

SITE ID: Boardman
LOCATION: 9328 Woodworth Rd, Youngstown, North Lima, OH
LAT.: 40° 58' 52.00" N
LONG.: 80° 39' 28.00" W

ANTENNA ID: BoardmanOH
ANTENNA: 3.8 meters
Service: Digital

Points of Communication:
Boardman - PERMITTED LIST - ()

---

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

SITE ID: 4
LOCATION: 106 W. 8th Street, Red Willow, McCook, NE
LAT.: 40° 11' 52.40" N
LONG.: 100° 38' 13.10" W

ANTENNA ID: 1
ANTENNA: 3.2 meters
Service: Digital Video and Audio Services

Points of Communication:

Page 71 of 200
### Legacy Communications, LLC

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

**SITE ID:** 41  
**LOCATION:** 2002 Char Avenue, Scotts Bluff, Scottsbluff, NE  
41° 52' 0.20" N LAT. 103° 40' 38.00" W LONG.

<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Size (m)</th>
<th>Brand</th>
<th>ID</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.2</td>
<td>Scientific Atlanta</td>
<td>9000</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital Video and Audio Services</td>
</tr>
<tr>
<td>1</td>
<td>3.2</td>
<td>Scientific Atlanta</td>
<td>9000</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video and Audio Services with associated subcarriers</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1. **SITE ID:** 41
2. **LOCATION:** 2002 Char Avenue, Scotts Bluff, Scottsbluff, NE
3. **ANTENNA ID:** 9000
4. **Site ID:** 41
5. **LOCATION:** 2002 Char Avenue, Scotts Bluff, Scottsbluff, NE

### Northland Cable Television, Inc.

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

**SITE ID:** 1  
**LOCATION:** 39636 Oak Ridge Drive, Madera, Oakhurst, CA  
37° 19' 27.60" N LAT. 119° 36' 0.60" W LONG.

<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Size (m)</th>
<th>Brand</th>
<th>ID</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3.8</td>
<td>Patriot</td>
<td>PRT 380</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
</tr>
</tbody>
</table>

**Points of Communication:**

1. **SITE ID:** 1
2. **LOCATION:** 39636 Oak Ridge Drive, Madera, Oakhurst, CA
3. **ANTENNA ID:** PRT 380
4. **Site ID:** 1
5. **LOCATION:** 39636 Oak Ridge Drive, Madera, Oakhurst, CA

### DISH Broadcasting Corporation

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

This application is for registering C-Band (3700-4200 MHz Receive-Only Earth Station antennas.

**SITE ID:** 3  
**LOCATION:** 801 North Dish Drive, Maricopa, Gilbert, AZ  
33° 22' 0.60" N LAT. 111° 48' 49.20" W LONG.

<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Size (m)</th>
<th>Brand</th>
<th>ID</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.1</td>
<td>Vertex</td>
<td>6.1 KXC</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>Antenna ID</td>
<td>Antenna Type</td>
<td>Height</td>
<td>Antenna ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------</td>
<td>--------------</td>
<td>--------</td>
<td>------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Vertex</td>
<td>6.1 meters</td>
<td>6.1 KXC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>G.D.</td>
<td>7 meters</td>
<td>Torus 750</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Prodelin</td>
<td>4.5 meters</td>
<td>1451-990EX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Patriot</td>
<td>3.8 meters</td>
<td>PRT-380AZ</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7F</td>
<td>Patriot</td>
<td>3.8 meters</td>
<td>PRT-380AZ</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Points of Communication:

3 - PERMITTED LIST - ()

**SES-REG-20181009-05026**

**Registration**

KUVS License Partnership, G.P.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 38

**LOCATION:** End of Riata Way Angels Camp, Calaveras, Sacramento, CA

38° 7’ 6.89” N LAT. 120° 43’ 30.55” W LONG.
<table>
<thead>
<tr>
<th>Tag Faded</th>
<th>1</th>
<th>3.8 meters</th>
<th>Tag Faded</th>
<th>Tag Faded</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video, Audio, and Data</td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

38 - PERMITTED LIST - ()

**SES–REG–20181009–05072**  E  E191450  Northland Cable Television, Inc.

Registration

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

<table>
<thead>
<tr>
<th>Northland Cable Television, Inc.</th>
<th>E191450</th>
<th>SES–REG–20181009–05072</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

SITE ID:  1

LOCATION:  105 Siskiyou Ave, Siskiyou, Mt. Shasta, CA  41° 18' 15.20" N LAT.  122° 18' 42.80" W LONG.

ANTENNA ID:  1  4.5 meters  AFC  Unknown

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video Programming

ANTENNA ID:  2  3.8 meters  AFC  Unknown

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video Programming

ANTENNA ID:  3  3.8 meters  Patriot  PRT 380

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video Programming

ANTENNA ID:  4  3.1 meters  Patriot  PRT 310

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video Programming

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20181009–05114**  E  E191494  University of WI - Madison

Registration

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

<table>
<thead>
<tr>
<th>University of WI - Madison</th>
<th>E191494</th>
<th>SES–REG–20181009–05114</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

SITE ID:  UWSSEC

LOCATION:  1225 West Dayton St, Dane, Madison, WI  43° 4’ 14.00” N LAT.  89° 24’ 24.00” W LONG.

ANTENNA ID:  Orchard  11 meters  Unknown  NA

3960.0000 - 6205.0000 MHz  36M0G7D  8 PSK, DVBS2 NOAAport, Gilmore Relay, Wallops Relay, Meteosat second generation relay
<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Size (m)</th>
<th>Model</th>
<th>Frequency Range (MHz)</th>
<th>Modulation Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patriot1</td>
<td>4.5</td>
<td>Patriot</td>
<td>6205.0000 - 6205.0000</td>
<td>8PSK, DVBS2, NOAAport</td>
</tr>
<tr>
<td>Patriot3</td>
<td>6.3</td>
<td>Patriot</td>
<td>3840.0000 - 6205.0000</td>
<td>8 PSK, DVBS2 NOAAport, Gilmore Relay</td>
</tr>
<tr>
<td>LittleAndr</td>
<td>3.8</td>
<td>Andrews</td>
<td>3840.0000 - 3840.0000</td>
<td>DVBS2 Geonetcast</td>
</tr>
<tr>
<td>Andrews</td>
<td>3.8</td>
<td>Prodelin</td>
<td>3700.0000 - 4200.0000</td>
<td>Digital traffic, various FEC, data rates and modulations</td>
</tr>
</tbody>
</table>

**Points of Communication:**

- UWSSEC - GALAXY 28 (S2160) - (89.0 W.L.)
- UWSSEC - INTELSAT 21 (S2863) - (58.0 W.L.)
- UWSSEC - SES-1 (S2807) - (101.0 W.L.)
- UWSSEC - SES-2 (S2826) - (87 W.L.)

**SES–REG–20181009–05127**

Registration: Bridgelight, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Site ID: 1

Location:
- 127 White Oak Lane, Middlesex, Old Bridge, NJ
- 40° 24' 28.40" N LAT.
- 74° 19' 9.60" W LONG.

Antenna ID: 1

3 meters Prodelin 3-34-37ro

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES–REG–20181010–05151**

Registration: 6 Johnson Road Licenses, Inc.

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Site ID: Fishkill NY

Location:
- 715 Rt 52, Dutchess, Beacon, NY
- 41° 31' 25.87" N LAT.
- 73° 55' 50.66" W LONG.

Antenna ID: 1

2.8 meters DH Satellite 2.8meter
### Points of Communication:

**Fishkill NY - 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-20181010-05177</td>
<td>Dierking Communications Inc</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

#### SITE ID: Site 1

**LOCATION:** 1937 Hwy 24, Mitchell, Glen Elder, KS

39 ° 30' 27.10" N LAT.  98 ° 18' 51.90" W LONG.

**ANTENNA ID:** ANTI  3.5 meters  Paraclassic  TVRO-3.5

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

### Points of Communication:

**Site 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-20181010-05195</td>
<td>Northland Cable Television, Inc.</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

#### SITE ID: Statesboro - NCTV

**LOCATION:** 328 Cindy Lane, Bulloch, Statesboro, GA

32 ° 26' 6.10" N LAT.  81 ° 44' 41.60" W LONG.

**ANTENNA ID:** Antenna 1  3.8 meters  Patriot  PRT 380

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

**ANTENNA ID:** Antenna 2  3.8 meters  Patriot  Unknown

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

**ANTENNA ID:** Antenna 3  5 meters  Unknown  Unknown

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

**ANTENNA ID:** Antenna 4  2.8 meters  Unknown  Unknown

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

**ANTENNA ID:** Antenna 5  3.7 meters  Unknown  Unknown

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Antenna 6</td>
<td>2.8 meters</td>
</tr>
<tr>
<td>------------</td>
<td>-----------</td>
<td>------------</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna 7</th>
<th>3.7 meters</th>
<th>Unknown</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna 8</th>
<th>5 meters</th>
<th>Unknown</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna 9</th>
<th>3.7 meters</th>
<th>Unknown</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna 10</th>
<th>6 meters</th>
<th>Unknown</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video Programming</td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

- Statesboro - NCTV - PERMITTED LIST - ()


<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**SITE ID:** Site1

**LOCATION:** 2413 Grand Ave., Polk, Des Moines, IA

41 ° 37 ’ 10.00 ” N LAT.  93 ° 35 ’ 53.00 ” W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>ant1</th>
<th>3.7 meters</th>
<th>General dynamics</th>
<th>big</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Analog video with associated subcarriers</td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

- Site1 - PERMITTED LIST - ()


<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
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</table>

**SITE ID:** 1

**LOCATION:** 8010 N Main Street, Montgomery, Dayton, OH

39 ° 50 ’ 22.70 ” N LAT.  84 ° 15 ’ 24.50 ” W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>1</th>
<th>3 meters</th>
<th>American Antennas, Inc.</th>
<th>TVRO 4.5</th>
</tr>
</thead>
</table>
3700.0000 - 4200.0000 MHz 36M0G7W digital audio and video

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181010–05204 E191585 Fox Broadcasting Company
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 16550 West Nine Mile, Oakland, Southfield, MI
42° 27' 36.10" N LAT. 83° 12' 44.60" W LONG.

ANTENNA ID: 1 4.5 meters Andrew Corporation ESA45-46A
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 2 6.1 meters Vertex 6.1
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 3 4.5 meters Patriot 4.5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 4 4.5 meters DH 4.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 5 3.8 meters D&H 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 6 3 meters D&H 3.0
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181010–05205 E191586 Fox Broadcasting Company
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 119 East 10th Street, Travis, Austin, TX
30°16'16.40" N LAT. 97°44'26.20" W LONG.

ANTENNA ID: 1 3.8 meters Andrew Corporation 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 2 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 3 3.7 meters AFC 3.7
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 4 3.5 meters Parabolic 3.5M
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 5 3.5 meters Parabolic 3.5
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

ANTENNA ID: 6 1.3 meters Parabolic 1.3
3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulation

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181010–05289 E191664 Radio Millennium LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KMKX
LOCATION: 1100 HASTINGS ROAD, UKIAH, CA
39°8’7.60" N LAT. 123°11’34.00" W LONG.

ANTENNA ID: KMKX 3.7 meters DAWNCO 3.7
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL AUDIO
Points of Communication:

KMKX - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SES–REG–20181010–05939</th>
<th>E200631</th>
<th>MID-HUDSON CABLEVISION</th>
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<tr>
<td>Registration</td>
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<td></td>
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<tr>
<td>Class of Station:</td>
<td></td>
<td>Fixed Earth Stations</td>
</tr>
<tr>
<td>Nature of Service:</td>
<td></td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: 1
LOCATION: Olympus Palace Road, Greene, Catskill, NY
42° 12' 36.00" N LAT. 73° 54' 00" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>TYPE</th>
<th>LOCATION</th>
<th>FREQUENCY</th>
<th>ID</th>
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<tbody>
<tr>
<td>1</td>
<td>5 meters</td>
<td>SCIENTIFIC ATLANTA</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>2</td>
<td>4 meters</td>
<td>Protelin</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>3</td>
<td>4 meters</td>
<td>Protelin</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>4</td>
<td>10 meters</td>
<td>Unknown</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>5</td>
<td>4 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>6</td>
<td>4 meters</td>
<td>Viking</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>7</td>
<td>4 meters</td>
<td>Viking</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>8</td>
<td>4 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>9</td>
<td>4 meters</td>
<td>Patriot</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>ID</td>
<td>Technology</td>
<td></td>
<td></td>
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<tr>
<td>------------------------</td>
<td>------</td>
<td>-----------------------------</td>
<td></td>
<td></td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Video</td>
<td></td>
<td></td>
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<td>ANTELLA ID: 10, 6 meters, Unknown, AMC1/W1</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>Video</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>ANTELLA ID: 11, 4 meters, D/H Satellite, Unknown</td>
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**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
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<tbody>
<tr>
<td>SES-REG-20181011-04745</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>E191115</td>
<td>KOB-TV, LLC</td>
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<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>KOB STUDIO</td>
<td>4 BROADCAST PLAZA, S.W., BERNALILLO, ALBUERQUE, NM</td>
</tr>
<tr>
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<td>35° 4’ 53.80” N LAT. 106° 40’ 1.40” W LONG.</td>
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<table>
<thead>
<tr>
<th>ANTELLA ID</th>
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<th>LOCATION</th>
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<tr>
<td>5B</td>
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<td>ATCI</td>
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</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>COMPRESSED DIGITAL VIDEO</td>
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<td></td>
<td>ANTELLA ID: KOB STUDIO, 5 meters, ATCI, 5B</td>
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**Points of Communication:**

KOB STUDIO - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
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<tbody>
<tr>
<td>SES-REG-20181011-04766</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>E191136</td>
<td>SUNBEAM TELEVISION CORPORATION</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSVN STUDIOS</td>
<td>1401 79TH STREET CAUSEWAY, MIAMI-DADE, NORTH BAY VILLAGE, FL</td>
</tr>
<tr>
<td></td>
<td>25° 50’ 59.30” N LAT. 80° 9’ 17.10” W LONG.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>ANTELLA ID</th>
<th>SITE SIZE</th>
<th>LOCATION</th>
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<tbody>
<tr>
<td>8345</td>
<td>4.5m</td>
<td>SCIENTIFIC ATLANTA</td>
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</table>

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>ID</th>
<th>Technology</th>
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</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>1M64G7D</td>
<td>QPSK DATA</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>11M5G7F</td>
<td>QPSK COMPRESSED VIDEO</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>ANALOG VIDEO WITH AUDIO SUBCARRIERS</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>QPSK, QPASK COMPRESSED, ANALOG VIDEO WITH AUDIO SUBCARRIERS</td>
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</table>
Points of Communication:

WSVN STUDIOS - PERMITTED LIST - ()

**SES–REG–20181011–05354**  E  E200060  The Borough of Kutztown
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  135 Alex Court, Berks, Kutztown, PA
40 ° 31 ’ 54.00 ” N LAT. 75 ° 46 ’ 32.00 ” W LONG.

ANTENNA ID:  ANT1
Simulsat
Simulsat 5

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20181011–05404**  E  E200109  UNIVERSITY OF NORTHWESTERN - ST. PAUL
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  KFNW
LOCATION:  5702 52ND AVE S, CASS, FARGO, SD
46 ° 48 ’ 10.99 ” N LAT. 96 ° 52 ’ 56.01 ” W LONG.

ANTENNA ID:  KFNW  3.7 meters  PRODELIN  1374-995

3700.0000 - 4200.0000 MHz  37M0G7W  0.00 dBW  ALLSAT

Points of Communication:

KFNW - PERMITTED LIST - ()

**SES–REG–20181011–05434**  E  E200139  Wittenberg Cable TV Co Inc
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  Wittenberg Cable TV
LOCATION:  104 W Walker Street, Marathon, Wittenberg, WI
44 ° 49 ’ 52.00 ” N LAT. 89 ° 10 ’ 3.00 ” W LONG.

ANTENNA ID:  unknown

3700.0000 - 4200.0000 MHz  36M0G7W
Points of Communication:

Wittenberg Cable TV - PERMITTED LIST -

SES-REG-20181011-05440  E200145  Mountain Licenses, L.P.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Spokane Studio
LOCATION: 4600 S Regal St, Spokane, Spokane, WA
47 ° 36 ' 39.88 " N LAT. 117 ° 22 ' 3.78 " W LONG.

ANTENNA ID: AMC 18 5 meters AFC unknown
3700.0000 - 4200.0000 MHz 36M0G7F digital video

ANTENNA ID: G 19 5 meters AFC unknown
3700.0000 - 4200.0000 MHz 36M0G7F digital video

ANTENNA ID: G 14 3.4 meters Prodelin unknown
3700.0000 - 4200.0000 MHz 36M0G7F digital video

ANTENNA ID: SmallSteer 3.7 meters DH 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W digital video

ANTENNA ID: OldSteer 5 meters AFC unknown
3700.0000 - 4200.0000 MHz 36M0G7F digital video

ANTENNA ID: DonsDish 3.8 meters Patriot unknown
3700.0000 - 4200.0000 MHz 36M0G7F digital video

Points of Communication:

Spokane Studio - PERMITTED LIST -

SES-REG-20181011-05667  E200364  TDS BROADBAND SERVICE LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: MI Connection
LOCATION: 420 S. Academy Street, Iredell, Mooresville, NC
35 ° 34 ' 42.68 " N LAT. 80 ° 49 ' 11.31 " W LONG.

ANTENNA ID: AMC10 4.6 meters Scientific Atlanta 8005
<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Antenna ID</th>
<th>Size (meters)</th>
<th>Manufacturer</th>
<th>ID</th>
<th>Power (dBW)</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>G14</td>
<td>4.6</td>
<td>Scientific Atlanta</td>
<td>8005</td>
<td>0.00</td>
<td>c-band, catv channels</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>3.7</td>
<td>Prodelin</td>
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<td>0.00</td>
<td>Video</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>3.7</td>
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<td>Video</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>Video</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>1374</td>
<td>0.00</td>
<td>Video</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>G18</td>
<td>3.7</td>
<td>Prodelin</td>
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<td>Prodelin</td>
<td>1374</td>
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<td>3.7</td>
<td>Prodelin</td>
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<td>3.7</td>
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<td>Video</td>
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</table>

**Points of Communication:**

- MI Connection - AMC 10 (S2432) - (135 W.L.)
- MI Connection - AMC-11(S2433) - (131 W.L.)
- MI Connection - AMC-18 (S2713) - (139 WL)
- MI Connection - GALAXY 13 (S2386) - (127 W.L.)
- MI Connection - GALAXY 14 (S2385) - (125 W.L.)
MI Connection - GALAXY 15 (S2387) - (133.1)
MI Connection - GALAXY 17 (S2715) - (91 W.L.)
MI Connection - GALAXY 18 (S2733) - (123 W.L.)
MI Connection - GALAXY 23 (S2592) - (121 W.L.)
MI Connection - SES-1 (S2807) - (101.0 W.L.)
MI Connection - SES-3 (S2892) - (103 W.L.)

**SES–REG–20181011–05768**

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** KTIS

**LOCATION:** 2993 Snelling Ave North, Ramsey, ST. Paul, MN
45° 1’ 51.88” N LAT. 93° 10’ 4.30” W LONG.

**ANTENNA ID:** KTIS

3.66 meters Prodelin Series 1374

3700.0000 - 4200.0000 MHz 36M0G7W ALLSAT

Points of Communication:

KTIS - PERMITTED LIST - ()

**SES–REG–20181011–05805**

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Codcomm

**LOCATION:** 243 South Street 243 South Street, Barnstable, Hyannis, MA
41° 39’ 2.00” N LAT. 70° 17’ 2.00” W LONG.

**ANTENNA ID:** Antenna 1

3.8 meters Andrew 3.8 receive

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Radio broadcasting

Points of Communication:

Codcomm - PERMITTED LIST - ()

**SES–REG–20181012–05259**

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** MBM TEXAS VALLEY LLC

**LOCATION:**

**ANTENNA ID:**

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Radio broadcasting

Points of Communication:

MBM TEXAS VALLEY LLC - PERMITTED LIST - ()
SITE ID: 1
LOCATION: 1201 North Jackson Road #900, Hidalgo, McAllen, TX
26 ° 12 ’ 44.75 " N LAT. 98 ° 12 ’ 10.09 " W LONG.

ANTENNA ID: unknown

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181012-05453 E200158 Wireless Beehive LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Lake Point
LOCATION: 2000 E Sunset Rd., Tooele, Lake Point, UT
40 ° 40 ’ 48.75 " N LAT. 112 ° 15 ’ 30.18 " W LONG.

ANTENNA ID: SA3.2 3.2 meters SA 3.2

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: 3.8m 3.8 meters Patriot Patriot

36M0G7D Video

ANTENNA ID: SSE 4.5 meters SSE8345 Big Dish

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: prodelin-o 3.7 meters Prodelin old

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: Prodelin-N 3.7 meters Prodelin New

3700.0000 - 4200.0000 MHz 36M0G7D Video

ANTENNA ID: Eagle 3.7 meters Eagle 3.7

3700.0000 - 4200.0000 MHz 36M0G7D Video

Points of Communication:

Lake Point - AMC 10 (S2432) - (135 W.L.)
Lake Point - AMC-11(S2433) - (131 W.L.)
Lake Point - AMC-18 (S2713) - (139 WL)
Lake Point - GALAXY 13 (S2386) - (127 W.L.)
Lake Point - GALAXY 14 (S2385) - (125 W.L.)
Lake Point - GALAXY 15 (S2387) - (133.1)
Lake Point - GALAXY 17 (S2715) - (91 W.L.)
Lake Point - GALAXY 18 (S2733) - (123 W.L.)
Lake Point - PERMITTED LIST - ()
Lake Point - SES-1 (S2807) - (101.0 W.L.)
Lake Point - SES-11 (S2964) - (104.95 W.L)
Lake Point - SES-3 (S2892) - (103 W.L.)

SES–REG–20181012–05455  E E200159 Center Cable Co.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Greeley
LOCATION: 80861 498th Ave, Greeley, Greeley, NE
41 ° 32 ' 50.14 " N LAT. 98 ° 31 ' 15.97 " W LONG.

ANTENNA ID: Triple 3.7 meters Satcom vs 370 3C
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video
ANTENNA ID: northeast 3.7 meters DH 37DH1
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video
ANTENNA ID: petalled 3.7 meters Patriot p370ae
3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio or Video

Points of Communication:

Greeley - PERMITTED LIST - ()

SES–REG–20181012–05558  E E200261 Cable Services, inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Valley City 1
LOCATION: 33rd St SE & 118th Ave SE, Barnes, Valley City, ND
46 ° 56 ' 7.00 " N LAT. 97 ° 58 ' 30.00 " W LONG.

ANTENNA ID: 3.8Pat 3.8 meters Patriot 3.8AzEl
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Valley City 1 - PERMITTED LIST - ()

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

SITE ID:  WNKJ Studios
LOCATION:  1100 E. 18th St., Christian, Hopkinsville, KY
36 ' 51 ' 22.00 '' N LAT.  87 ' 28 ' 54.00 '' W LONG.

ANTENNA ID:  SAT1  3.8 meters  Comtech  934D0015G1
3700.0000 - 4200.0000 MHz  30K0F1E  Digital Audio

Points of Communication:

WNKJ Studios - PERMITTED LIST - ()

SES–REG–20181012–05581  E200284  Nebraska Educational Telecommunications Commission
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  SA antennas, Lincoln
LOCATION:  1800 N 33rd St., Lancaster, Lincoln, NE
40 ' 49 ' 52.80 '' N LAT.  96 ' 40 ' 17.10 '' W LONG.

ANTENNA ID:  SA Lincoln  3.2 meters  Scientific Atlanta  9000
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Data, Audio or Video
3700.0000 - 4200.0000 MHz  308KG7W  Digital Data, Audio or Video

Points of Communication:

SA antennas, Lincoln - PERMITTED LIST - ()

SES–REG–20181012–05584  E200286  Ind. Co. Cable TV, Inc
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  pangburn
LOCATION:  24 longbranch rd pangburn, white, pangburn, AR
35 ' 33 ' 39.87 '' N LAT.  91 ' 55 ' 59.49 '' W LONG.
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Type</th>
<th>Diameter</th>
<th>Material</th>
<th>ID</th>
<th>Frequency Range</th>
<th>Model</th>
<th>Power</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>ant 2</td>
<td></td>
<td>3.8</td>
<td>aluminum</td>
<td>3.8</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7D</td>
<td>video</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>ant 3</td>
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<td>dh</td>
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<td>36M0G7D</td>
<td>video</td>
<td>Fixed Satellite Service</td>
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<td>fiberglass</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>Fixed Satellite Service</td>
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<tr>
<td>ant 5</td>
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<td>3.0</td>
<td>patriot</td>
<td>3.8</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7D</td>
<td>video</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>ant 6</td>
<td></td>
<td>3.8</td>
<td>aluminum</td>
<td>3.8</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7D</td>
<td>video</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>ant 1</td>
<td></td>
<td>3.8</td>
<td>patriot</td>
<td>3.8</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7D</td>
<td>video</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**Points of Communication:**

Sunrise - Studio - AMC-15 (S2180) - (105.0 W.L.)

**SES-REG-20181012-05591** E200293 Virden Broadcasting Corp.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Sunrise - Studio

**LOCATION:** 25 N. Kerr Av., United States, Wilmington, NC

34° 14' 38.33" N LAT. 77° 53' 27.50" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Material</th>
<th>Power</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunrise 1</td>
<td>3.7</td>
<td>OEM</td>
<td>0.00 dBW</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**Points of Communication:**

Sunrise - Studio - PERMITTED LIST - ()

**SES-REG-20181012-05585** E200287 Sunrise Broadcasting, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Sunrise - Studio

**LOCATION:** 25 N. Kerr Av., United States, Wilmington, NC

34° 14' 38.33" N LAT. 77° 53' 27.50" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Material</th>
<th>Power</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunrise 1</td>
<td>3.7</td>
<td>OEM</td>
<td>0.00 dBW</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>
SITE ID: Site 1
LOCATION: 133 Division, Henry, Kewanee, IL
        41° 14' 3.10" N LAT. 89° 55' 32.10" W LONG.
ANTENNA ID: Site 1 3.7 meters Prodelin 1374
            3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES−REG−20181012−05592  E200294  Kennelwood Radio, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Main Studio R/O Dish
LOCATION: 4800 W Waco Drive, McLennan, Waco, TX
        31° 31' 14.95" N LAT. 97° 10' 38.01" W LONG.
ANTENNA ID: Main 3 meters Comtech Comtech 3.0
            3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW QPSK modulation, digital audio and video data

Points of Communication:

Main Studio R/O Dish - AMC-15 (S2180) - (105.0 W.L.)

SES−REG−20181012−05595  E200298  Guadalupe Valley Communications Systems L.P.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Balcones
LOCATION: 39 Cascade Caverns Road, Kendall, Boerne, TX
        29° 45' 23.38" N LAT. 98° 41' 35.17" W LONG.
ANTENNA ID: ES1 4.5 meters Superior Satellite 8345
            3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video
ANTENNA ID: ES2 4.5 meters Patriot 4.5
            3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video
ANTENNA ID: ES3 4.5 meters Patriot 4.5
            3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video
ANTENNA ID: ES4  3.8 meters  Patriot  3.8

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video

Points of Communication:

Balcones - PERMITTED LIST - ()

SES-REG-20181012-05767  E200459  Family Life Educational Foundation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: KFLO-FM
LOCATION: 2097 N Hearne Ave, Louisiana, Shreveport, LA
32° 31' 55.60" N LAT.  93° 46' 33.40" W LONG.

ANTENNA ID: KFLO-FM 1  3.8 meters  Comtech  3.8 meter

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital various FEC, data rates and modulation

Points of Communication:

KFLO-FM - PERMITTED LIST - ()

SES-REG-20181014-04655  E191022  CADDO BROADCASTING COMPANY dba KVRE FM
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: HOT SPRINGS VILLAGE
LOCATION: 122 DESOTO CENTER DRIVE, GARLAND, HOT SPRINGS VILLAGE, AR
34° 40' 23.00" N LAT.  93° 1' 54.00" W LONG.

ANTENNA ID: KVRE  4 meters  COMTECH ANTENNA  3.8M EL/AZ

3700.0000 - 4200.0000 MHz  250KF3E

Points of Communication:

HOT SPRINGS VILLAGE - AMC-18 (S2713) - (139 WL)

HOT SPRINGS VILLAGE - AMC-18 (S2713) - (139 WL)

HOT SPRINGS VILLAGE - AMC-18 (S2713) - (139 WL)

SES-REG-20181014-05661  E200358  NRG License Sub, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: NRG NWoods Studio
LOCATION: 3616 Highway 47 N., Wisconsin, Rhinelander, WI 45° 38' 29.15" N LAT. 89° 26' 51.80" W LONG.

ANTENNA ID: Com 3.8M 3.8 meters Comtech 3.8M EL-AZ
3700.0000 - 4200.0000 MHz 30M0G7W QPSK 8PSK Digital

Points of Communication:

NRG NWoods Studio - SES-11 (S2964) - (104.95 W.L)

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

SITE ID: Montgomery, AL
LOCATION: 381 Mendel Parkway, Montgomery, Montgomery, AL 32° 22' 40.17" N LAT. 86° 12' 7.76" W LONG.

ANTENNA ID: Studio Rx 3.8 meters Patriot PRT380
3700.0000 - 4200.0000 MHz 30M0G7W Modulation and Services Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F Modulation and Services Analog Video with associated subcarriers

SITE ID: Andalusia, AL
LOCATION: BARNES BRIDGE RD .8 MI W OF CR 59, Covington, Gantt, AL 31° 26' 20.00" N LAT. 86° 30' 49.81" W LONG.

ANTENNA ID: Receive 3.8 meters Patriot PRT380
3700.0000 - 4200.0000 MHz 30M0G7W Modulation and Services Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F Modulation and Services Analog Video with associated subcarriers

SITE ID: Eufaula, AL
LOCATION: Fort Browder Rd, Barbour, Eufaula, AL 31° 54' 30.12" N LAT. 85° 9' 55.81" W LONG.

ANTENNA ID: Receive2 3.7 meters DH Satellite 37DH1
3700.0000 - 4200.0000 MHz 30M0G7W Modulation and Services Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F Modulation and Services Analog Video with associated subcarriers

Points of Communication:

Andalusia, AL - 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–20181015–05260</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>SES–REG–20181015–05719</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
<tr>
<td>SES–REG–20181015–05720</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

**Eufaula, AL - PERMITTED LIST - ()**

**Montgomery, AL - PERMITTED LIST - ()**

**SES–REG–20181015–05260**

- **Pecos Radio Company, Inc.**
- **Site ID:** 1
- **Location:** 316 S. Ceder, Pecos, TX 31° 25' 31.09" N LAT. 103° 29' 37.92" W LONG.
- **Antenna ID:** Ant 2 3 meters Prodelin 1305990
- **Frequency:** 3700.0000 - 4200.0000 MHz
- **Power:** 36M0G7W 0.00 dBW
- **Service:** Digital Audio

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES–REG–20181015–05719**

- **Sound Broadcasters, Inc.**
- **Site ID:** WKTG Studios
- **Location:** 2380 North Main Street, Hopkins, Madisonville, KY 37° 21' 30.30" N LAT. 87° 29' 47.80" W LONG.
- **Antenna ID:** Mesh 3.6 meters UNK 3.6
- **Frequency:** 3700.0000 - 4200.0000 MHz
- **Power:** 36M0G7W
- **Service:** QPSK 8PSK Digital

**Points of Communication:**

WKTG Studios - PERMITTED LIST - ()

**SES–REG–20181015–05720**

- **MBC Grand Broadcasting, Inc.**
- **Site ID:** Studio
- **Location:** 1360 E. Sherwood Drive, Mesa, Grand Junction, CO 39° 4' 45.93" N LAT. 108° 34' 7.34" W LONG.
- **Antenna ID:** ANT1 3.7 meters Prodelin unknown
- **Frequency:** 3700.0000 - 4200.0000 MHz
- **Power:** 8K00A3E
- **Service:** Radio Analog Audio
Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>E200458</th>
<th>Familyview Cablevision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

SITE ID: Central SC Headend
LOCATION: 199 Dorsey Drive (rear), Pickens, Central, SC
34 ° 41 ' 48.00 " N LAT. 82 ° 44 ' 36.00 " W LONG.

ANTENNA ID: Central 1 3.5 meters Patriot Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Central 2 3.5 meters Patriot Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Central 3 3.5 meters Patriot Unk
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Central 4 1.8 meters Unk Mesh
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>E200462</th>
<th>El Sembrador Ministries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

OK for AFFPN

SITE ID: Site A
LOCATION: 20720 Marilla St, USA, Chatsworth, CA
34 ° 14 ' 51.00 " N LAT. 118 ° 35 ' 6.00 " W LONG.

ANTENNA ID: A1 3 meters Windguard 3.0 M
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

ANTENNA ID: A2 2.4 meters Windguard 2.5 M
3700.0000 - 4200.0000 MHz 25M0G7W 0.00 dBW Digital
<table>
<thead>
<tr>
<th>Application</th>
<th>Site ID</th>
<th>Location</th>
<th>Model</th>
<th>Frequency</th>
<th>Power</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windgard A3</td>
<td>3 meters</td>
<td>Windgard</td>
<td>3.0M</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>30M0G7W</td>
<td></td>
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</tr>
</tbody>
</table>

Points of Communication:

Site A - PERMITTED LIST - ()

**SES-REG-20181015-05784**
- **E200476**
- **Blount Communications, Inc. of NH**
- **Class of Station**: Fixed Earth Stations
- **Nature of Service**: Fixed Satellite Service

**SITE ID**: WDER Studio
**LOCATION**: 8 Lawrence Road, Sabattus, Derry, NH
- **LAT.**: 42° 51' 56.76" N
- **LONG.**: 71° 17' 10.96" W

**ANTENNA ID**: ANTI
- **Model**: 3.8 meters
- **Frequency**: 3700.0000 - 4200.0000 MHz
- **Power**: 0.00 dBW
- **Service Type**: Digital Audio

Points of Communication:

WDER Studio - PERMITTED LIST - ()

**SES-REG-20181015-05785**
- **E200477**
- **Columbus City Schools**
- **Class of Station**: Fixed Earth Stations
- **Nature of Service**: Fixed Satellite Service

**SITE ID**: Site 1
**LOCATION**: 546 Jack Gibbs Blvd, Franklin, Columbus, OH
- **LAT.**: 39° 58' 29.71" N
- **LONG.**: 82° 59' 9.60" W

**ANTENNA ID**: MainAnt
- **Model**: 3.8 meters
- **Frequency**: 3700.0000 - 4200.0000 MHz
- **Power**: 0.00 dBW
- **Service Type**: Digital Audio with associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

**SES-REG-20181015-05786**
- **E200478**
- **Ind. Co. Cable TV, Inc**
- **Class of Station**: Fixed Earth Stations
- **Nature of Service**: Fixed Satellite Service

**SITE ID**: BRADFORD
**LOCATION**: 1096 VELVET RIDGE RD BRADFORD, WHITE, BRADFORD, AR
- **LAT.**: 35° 25' 26.09" N
- **LONG.**: 91° 28' 17.63" W
<table>
<thead>
<tr>
<th>Antenna ID</th>
<th>Antenna Type</th>
<th>Diameter (m)</th>
<th>Material</th>
<th>ID</th>
<th>Frequency Band (MHz)</th>
<th>Modulation</th>
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</thead>
<tbody>
<tr>
<td>ant 1</td>
<td>aluminum</td>
<td>3.8</td>
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<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 2</td>
<td>dh</td>
<td>3.8</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 3</td>
<td>patriot</td>
<td>3.8</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 4</td>
<td>aluminum</td>
<td>3.0</td>
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<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 5</td>
<td>aluminum</td>
<td>3.0</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 6</td>
<td>patriot</td>
<td>3.0</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
<tr>
<td>ant 7</td>
<td>aluminum</td>
<td>3.0</td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000</td>
<td>video</td>
</tr>
</tbody>
</table>

Points of Communication:

BRADFORD - PERMITTED LIST - ()


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

SITE ID: Site1
LOCATION: 1641 FM 2808, TEXAS, Kempner, TX
          31° 4’ 20.53” N LAT.
          97° 58’ 40.70” W LONG.
ANTENNA ID: 12f
            3.7 meters
            DH Antennas
            1

            3700.0000 - 4200.0000 MHz
            36M0G7W
            QPSK Modulation providing analog audio

Points of Communication:

Site1 - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Helmke Library
LOCATION: 2101 East Coliseum Blvd, Fort Wayne, Allen, Fort Wayne, IN
41° 7' 2.00'' N LAT. 85° 6' 28.00'' W LONG.

ANTENNA ID: CTV
5 meters
Comtech
5M

3700.0000 - 4200.0000 MHz
36M0G7W

Points of Communication:
Helmke Library - PERMITTED LIST - ()

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

SITE ID: Lyons
LOCATION: 473 North Victory Drive, Toombs, Lyons, GA
32° 6' 48.68'' N LAT. 82° 23' 51.46'' W LONG.

ANTENNA ID: Lyons
3.7 meters
General Dynamics
Prodelin 1374

3700.0000 - 4200.0000 MHz
36M0G7W
digital audio

Points of Communication:
Lyons - PERMITTED LIST - ()

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

SITE ID: SITE 1
LOCATION: 1281 N. River Rd., Sandusky, Fremont, OH
41° 21' 58.20'' N LAT. 83° 5' 19.70'' W LONG.

ANTENNA ID: ANT1
3.7 meters
NSN
3.7

3700.0000 - 4200.0000 MHz
36M0G7W
0.00 dBW
Digital Audio and video signals

Points of Communication:
SITE 1 - PERMITTED LIST - ()
### PMJ COMMUNICATIONS, INC.

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

**SITE ID:** WLEA Studio  
**LOCATION:** 5942 County Route 64, Steuben, Hornell, NY  
42° 17' 17.00" N LAT. 77° 38' 47.00" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna</th>
<th>Size</th>
<th>Manufacturer</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ant 1</td>
<td>Scientific Atlanta</td>
<td>2.8 meters</td>
<td>Series 9000</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital Audio and Video with associated subcarriers</td>
</tr>
</tbody>
</table>

**Points of Communication:**

WLEA Studio - PERMITTED LIST - ()

### El Sembrador Ministries

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

**SITE ID:** B1  
**LOCATION:** 4203 S Brea Ave, Los Angeles, Los Angeles, CA  
34° 0' 25.60" N LAT. 118° 21' 57.90" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna</th>
<th>Size</th>
<th>Manufacturer</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1</td>
<td>DH Satellite</td>
<td>3.7 meters</td>
<td>3.7M4PC60</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
</tbody>
</table>

**Points of Communication:**

B1 - PERMITTED LIST - ()

### STATE BOARD OF EDUCATION STATE OF IDAHO

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

**SITE ID:** KAID-TV-Boise  
**LOCATION:** 1455 N. Orchard Street, ADA, Boise, ID  
43° 37' 4.66" N LAT. 116° 14' 39.21" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Antenna</th>
<th>Size</th>
<th>Manufacturer</th>
<th>Frequency Range</th>
<th>Power</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna-1</td>
<td>American Antennas, Inc.</td>
<td>4.5 meters</td>
<td>TVRO 4.5</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital Video</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Analog Video with associated subcarriers</td>
</tr>
</tbody>
</table>

**Points of Communication:**
KAID-TV-Boise - PERMITTED LIST - ()

SES-REG-20181015-05803 E E200495 Myrtle Beach International Airport
Registration

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

SITE ID: MYR- Myrtle Beach IA
LOCATION: 1100 Jetport Rd, Horry, Myrtle Beach, SC
33 ° 41 ' 1.40 " N LAT. 78 ° 55 ' 25.60 " W LONG.

ANTENNA ID: 1 3.1 meters Patriot PRT-310
3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW DVB-S2/AVC Video Services

Points of Communication:

MYR- Myrtle Beach IA - PERMITTED LIST - ()

SES-REG-20181015-05826 E E200517 KMPH Licensee, LLC
Registration

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

SITE ID: KMPH Site 1
LOCATION: 5111 East McKinley Avenue, Fresno, Fresno, CA
36 ° 45 ' 58.00 " N LAT. 119 ° 43 ' 22.00 " W LONG.

ANTENNA ID: 5 7.3 meters Scientific Atlanta 8010D
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 2 3.1 meters Patriot PRT310
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 3 4.5 meters Patriot PRT450
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 4 3.8 meters Patriot PRT380
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

Points of Communication:

KMPH Site 1 - PERMITTED LIST - ()

SES-REG-20181015-05830 E E200520 COMMUNITY ANTENNA SYSTEM INC
Registration

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

SITE ID: 1
LOCATION: 301 Western Ave., Juneau, Elroy, WI 43° 44' 20.50" N LAT. 90° 16' 33.70" W LONG.

ANTENNA ID: E3 4.6 meters DH DH4.6
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

ANTENNA ID: E1 4.6 meters DH DH4.6
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

ANTENNA ID: E2 4.6 meters DH DH4.6
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

ANTENNA ID: E4 4.6 meters DH DH4.6
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

ANTENNA ID: E5 3.8 meters DH DH3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

ANTENNA ID: E6 3.8 meters DH DH3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW video

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181015–05832 E E200522 Prairieburg Telephone Company, Incorporated

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Prairieburg
LOCATION: 120 W Main Street, Linn, Prairieburg, IA 42° 14’ 19.38” N LAT. 91° 25’ 25.84” W LONG.

ANTENNA ID: Ant1 3.7 meters DH Satellite 3.7DH1
3700.0000 - 4200.0000 MHz 30M0G7W Analog Video with associated audio subcarriers

ANTENNA ID: Ant2 3.2 meters Scientific Atlanta 9000
3700.0000 - 4200.0000 MHz 30M0G7W Analog Video with associated audio subcarriers
ANTENNA ID: Ant3 3.7 meters General Dynamics Satcom Technologies 3.7M

3700.0000 - 4200.0000 MHz 30M0G7W Analog Video with associated audio subcarriers

Points of Communication:

Prairieburg - GALAXY 14 (S2385) - (125 W.L.)
Prairieburg - GALAXY 15 (S2387) - (133.1)
Prairieburg - GALAXY 17 (S2715) - (91 W.L.)
Prairieburg - GALAXY 18 (S2733) - (123 W.L.)
Prairieburg - PERMITTED LIST - (
Prairieburg - SES-1 (S2807) - (101.0 W.L.)
Prairieburg - SES-11 (S2964) - (104.95 W.L)
Prairieburg - SES-3 (S2892) - (103 W.L.)

SES–REG–20181015–05835 E E200525 CantroAir Communications, Inc.
Registration Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: CantroAir Property
LOCATION: 1233 Redington Ave, Bradford, Troy, PA
41 ° 47 ' 6.19 " N LAT. 76 ° 47 ' 23.85 " W LONG.

ANTENNA ID: Antenna 1 3.048 meters SPC Electronics Corporation PLV804FB-LF

3700.0000 - 4200.0000 MHz 950KG7W audio receiver

Points of Communication:

CantroAir Property - AMC-18 (S2713) - (139 WL)

SES–REG–20181015–05839 E E200529 Kensington Digital Media of Indiana, L.L.C.
Registration Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WSRW Studio
LOCATION: 216 West Market St., Kosciusko, Warsaw, IN
41 ° 14 ' 14.70 " N LAT. 85 ° 51 ' 31.60 " W LONG.

ANTENNA ID: ANT1 2.43 meters Channel Master 2.43 meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio
### Points of Communication:

**WSRW Studio - PERMITTED LIST - ()**

**SES-REG-20181015-05856** E200546 Nex-Tech LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 25917 Third Street, Norton, Edmond, KS

39° 37' 36.20" N LAT. 99° 49' 20.51" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Provider</th>
<th>Antenna ID</th>
<th>Frequency</th>
<th>Power</th>
<th>Service</th>
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<tbody>
<tr>
<td>G-14</td>
<td>4.5 meters</td>
<td>Scientific American</td>
<td>30M0G7W</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
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<tr>
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<td>4.5 meters</td>
<td>Scientific American</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
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<tr>
<td>G-23</td>
<td>4.5 meters</td>
<td>Scientific American</td>
<td>30M0G7W</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
<tr>
<td>G-17</td>
<td>4.6 meters</td>
<td>Scientific American</td>
<td>30M0G7W</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
<tr>
<td>G-15</td>
<td>4.5 meters</td>
<td>Scientific American</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
<tr>
<td>SES-11</td>
<td>4.5 meters</td>
<td>Scientific American</td>
<td>30M0G7W</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
<tr>
<td>Number 6</td>
<td>4.5 meters</td>
<td>Scientific Atlanta</td>
<td>30M0G7W</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Video</td>
</tr>
</tbody>
</table>

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**Armada Media - Watertown, Inc.**

**SES-REG-20181015-05859** E200549

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service
SITE ID: KDIO
LOCATION: 47 2ND ST NW, ORTONVILLE, MN
45 ° 17 ' 59.00 " N LAT. 96 ° 26 ' 22.00 " W LONG.

ANTENNA ID: KDIO 3.8 meters MIRALITE MIRALITE 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL BROADCAST AUDIO CARRIER

Points of Communication:

KDIO - PERMITTED LIST - ()

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

SITE ID: KMSD
LOCATION: 15096 US HWY 15, MILBANK, SD
45 ° 11 ' 40.00 " N LAT. 96 ° 38 ' 24.00 " W LONG.

ANTENNA ID: KMSD 3.8 meters MIRALITE MIRALITE 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL BROADCAST AUDIO CARRIERS

Points of Communication:

KMSD - PERMITTED LIST - ()

SES–REG–20181015–05861 E E200551 Radio Plus Bay Cities LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WAGN
LOCATION: 413 10TH AVE, MENOMINEE, MI
45 ° 6 ' 26.00 " N LAT. 87 ° 36 ' 24.00 " W LONG.

ANTENNA ID: WAGN 3 meters WINEGARD WIN 3M
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW DIGITAL AUDIO CARRIERS

Points of Communication:

WAGN - PERMITTED LIST - ()

SES–REG–20181015–05889 E E200579 CHEROKEE BROADCASTING CO
Registration
Class of Station: Fixed Earth Stations
### Nature of Service: Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 329 Richardson Rd. SE, Gordon, Calhoun, GA  
34° 28' 21.73" N LAT.  84° 55' 38.58" W LONG.  
**ANTENNA ID:** 1  3.5 meters  Scientific Atlanta  9000  
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals  

#### Points of Communication:

1 - AMC-18 (S2713) - (139 WL)  
**SES-REG-20181015-05890**  E  E200580  Pickwick Cablevision, Inc.

### Nature of Service: Fixed Satellite Service

**SITE ID:** Counce  
**LOCATION:** 1845 Old SR 57, Hardin, Counce, TN  
35° 1' 49.00" N LAT.  88° 14' 10.00" W LONG.  
**ANTENNA ID:** unknown  
3700.0000 - 4200.0000 MHz  36M0G7W  

#### Points of Communication:

Counce - PERMITTED LIST - ()  
**SES-REG-20181015-05958**  E  E200650  El Sembrador Ministries

### Nature of Service: Fixed Satellite Service

**SITE ID:** Site B2  
**LOCATION:** 28442 San Timoteo Canyon Road, San Bernardino, Redlands, CA  
34° 0' 44.40" N LAT.  117° 11' 4.78" W LONG.  
**ANTENNA ID:** B2  3.7 meters  DH Satellite  3.7M4PC60  
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Video  

#### Points of Communication:

Site B2 - PERMITTED LIST - ()  
**SES-REG-20181015-05975**  E  E200669  Blount Communications, Inc.
Nature of Service: Fixed Satellite Service

SITE ID: WARV Studio
LOCATION: 19 Luther Ave, Kent, Warwick, RI
41° 42' 5.94" N LAT. 71° 27' 34.36" W LONG.

ANTENNA ID: ANTI 3.3 meters Comtech 3.3 meter
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WARV Studio - PERMITTED LIST - ()

SES–REG–20181015–05990 E200683 LAURENCE R HUNT (d/b/a KING KONG BROADCASTING)
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: LV
LOCATION: 205 Centrocelle Ave, Clark, Las Vegas, NV
35° 58' 46.30" N LAT. 115° 9' 48.40" W LONG.

ANTENNA ID: LV2 3.048 meters Unknown 12
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: LV1 3.048 meters Unknown 12
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

LV - PERMITTED LIST - ()

Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1649 Commercial Street, Benton, Warsaw, MO
38° 15' 17.80" N LAT. 93° 22' 4.90" W LONG.

ANTENNA ID: Ant 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:
Site 1 - PERMITTED LIST - ()

**SES–REG–20181015–06013**  E  E200707  Perry County Broadcasting Company, Inc.
Registration

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  Site 1
LOCATION:  210 South Jackson Street, Perry, New Lexington, OH

39 ° 42 ’ 48.20 ” N LAT.  82 ° 12 ’ 22.00 ” W LONG.

ANTENNA ID:  ANTI
3.7 meters  General Dynamics  Satcom 1374-990

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital Audio with associated subcarriers

Points of Communication:

**SES–REG–20181015–06021**  E  E200715  Edward A Baker ( d/b/a Dublin Radio )
Registration

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  Blacksburg
LOCATION:  145 Jackson St NE, Montgomery, Blacksburg, VA

37 ° 13 ’ 51.80 ” N LAT.  80 ° 24 ’ 49.50 ” W LONG.

ANTENNA ID:  Bburg1
3.7 meters  Prodelin  1374-995

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Modulation and Services Digital Audio

Points of Communication:

Blacksburg - SES-11 (S2964) - (104.95 W.L)

**SES–REG–20181015–06024**  E  E200718  Bicoastal Media Licenses II, LLC
Registration

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  Crescent City Studio
LOCATION:  1345 Northcrest Drive, Del Norte, Crescent City, CA

41 ° 46 ’ 14.90 ” N LAT.  124 ° 11 ’ 56.85 ” W LONG.

ANTENNA ID:  SES-11
3.7 meters  Dawnco  D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio

Points of Communication:
<table>
<thead>
<tr>
<th>Class of Station: Fixed Earth Stations</th>
<th>Class of Station: Fixed Earth Stations</th>
<th>Class of Station: Fixed Earth Stations</th>
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<tbody>
<tr>
<td>SITE ID: Longview Studios</td>
<td>SITE ID: 1</td>
<td>SITE ID: KCAJ Studio</td>
</tr>
<tr>
<td>LOCATION: 1130 14th Avenue, Cowlitz, Longview, WA</td>
<td>LOCATION: 1301 E. Douglas Rd, St Joseph, Mishawaka, IN</td>
<td>LOCATION: 107 Center St West, Roseau, Roseau, MN</td>
</tr>
<tr>
<td>Location: 46° 8′ 4.60″ N LAT. 122° 56′ 11.27″ W LONG.</td>
<td>Location: 41° 42′ 28.55″ N LAT. 86° 9′ 55.94″ W LONG.</td>
<td>Location: 48° 50′ 47.30″ N LAT. 95° 45′ 48.80″ W LONG.</td>
</tr>
<tr>
<td>Antenna ID: SES-11 3.7 meters Dawnco D37F48-4PC-5.5</td>
<td>Antenna ID: 1 4.5 meters Scientific Atlanta 100</td>
<td>Antenna ID: ANT1 3 meters Winegard 3 meter</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio</td>
<td>3700.0000 - 4200.0000 MHz 36M0G7W analog and digital audio</td>
<td>3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog Audio</td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio</td>
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<td></td>
</tr>
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</table>
Points of Communication:

KCAJ Studio - PERMITTED LIST - ()

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

SITE ID: Site 1
LOCATION: 2945 Senior Road, Fort Bend, Missouri City, TX
29 ° 33 ' 46.00 " N LAT. 95 ° 30 ' 33.00 " W LONG.

ANTENNA ID: Ant 1 3.4 meters Prodelin TVRO-3.4F
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Audio

ANTENNA ID: Ant 2 3.4 meters Prodelin TVRO-3.4F
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES–REG–20181015–06102 E E200792 Radio 7 Media LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: PULASKI LINK
LOCATION: 1212 N. Locust Ave 1212 N. Locust Ave, LAWRENCE, Lawrencerburg, TN
35 ° 12 ' 18.00 " N LAT. 87 ° 3 ' 33.00 " W LONG.

ANTENNA ID: 1 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW

Points of Communication:

PULASKI LINK - PERMITTED LIST - ()

SES–REG–20181015–06104 E E200794 SOUND MANAGEMENT, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WNDV Dish
LOCATION: 3371 Cleveland Rd Ste 300, St Joseph, South Bend, IN
41 ° 43 ' 39.00 " N LAT. 86 ° 17 ' 50.00 " W LONG.
## Points of Communication:

### WNDV Dish - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Points of Communication:</th>
<th>Nature of Service: Fixed Satellite Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SITE ID: DVN Headend</td>
<td></td>
</tr>
<tr>
<td>LOCATION: 408 Tower Street, Walsh, Park River, ND</td>
<td>48 ° 24 ' 18.83 '' N LAT. 97 ° 44 ' 12.52 '' W LONG.</td>
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<table>
<thead>
<tr>
<th>ANTEENNA ID</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>Model</th>
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<tbody>
<tr>
<td>1</td>
<td>3.6 meters</td>
<td>Patriot Antenna Systems</td>
<td>852</td>
<td>Digital Data, Video or Audio</td>
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<tr>
<td>2</td>
<td>4.5 meters</td>
<td>Scientific Atlanta</td>
<td>8345</td>
<td>Digital Data, Video or Audio</td>
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<tr>
<td>3</td>
<td>4.5 meters</td>
<td>Scientific Atlanta</td>
<td>8345</td>
<td>Digital Data, Video or Audio</td>
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<tr>
<td>4</td>
<td>4.6 meters</td>
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<td>8346</td>
<td>Digital Data, Video or Audio</td>
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<td>5</td>
<td>4.6 meters</td>
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<td>Digital Data, Video or Audio</td>
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<td>6</td>
<td>4.6 meters</td>
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<td>8005</td>
<td>Digital Data, Video or Audio</td>
</tr>
<tr>
<td>7</td>
<td>4.6 meters</td>
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<td>8005</td>
<td>Digital Data, Video or Audio</td>
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<tr>
<td>8</td>
<td>4.6 meters</td>
<td>Scientific Atlanta</td>
<td>8005</td>
<td>Digital Data, Video or Audio</td>
</tr>
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</table>
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: caz
LOCATION: Cemetary Rd, Richland, Cazenovia, WI
43 ° 31 ' 13.00 " N LAT. 90 ° 11 ' 44.30 " W LONG.

ANTENNA ID: C1 4.6 meters DH
3720.0000 - 4180.0000 MHz 0 0.00 dBW video

ANTENNA ID: C2 4.6 meters DH
3720.0000 - 4180.0000 MHz 0 0.00 dBW video

ANTENNA ID: C3 3.8 meters DH
3720.0000 - 4180.0000 MHz 0 0.00 dBW video

ANTENNA ID: C4 3.8 meters DH
3720.0000 - 4180.0000 MHz 0 0.00 dBW video

Points of Communication:

caz - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KMTI Studios
LOCATION: 1600 W 500 N, Sanpete, Manti, UT
39 ° 16 ' 22.44 " N LAT. 111 ° 39 ' 28.80 " W LONG.

ANTENNA ID: 1 3.7 meters DH
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog Video with associated subcarriers

ANTENNA ID: 2 3 meters DH
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Modulation and Services Analog Video and Associated Subcarriers

Points of Communication:
KMTI Studios - PERMITTED LIST - ()

SES-REG-20181016-05444  E200149 Commonwealth Public Broadcasting Corporation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 300 Arboretum Place (Arboretum Site), Chesterfield, Richmond, VA
37 ° 30' 16.80 " N LAT.  77 ° 42' 13.00 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Comtech Unknown

3700.0000 - 4200.0000 MHz  36M0G7W DVB-S QPSK

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181016-05703  E200392 The Board of Trustees of the Univ of AL for Univ of Alabama at Birmingham
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

OK for AFFPN

SITE ID: ANT 1
LOCATION: 11400 Austin Lane, Baldwin, Spanish Fort, AL
30 ° 41' 19.60 " N LAT.

ANTENNA ID: ANT 1 0 meters Unknown Unknown

3700.0000 - 4200.0000 MHz  36M0G7W 0.00 dBW

Points of Communication:

ANT 1 - PERMITTED LIST - ()

SES-REG-20181016-06106  E200796 COMMUNITY COMMUNICATIONS COMPANY
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1920 Hwy 425N, Drew, Monticello, AR
33 ° 39' 25.85 " N LAT.  91 ° 48' 9.24 " W LONG.

ANTENNA ID: ant1 3.8 meters patriot prt-380

3700.0000 - 4200.0000 MHz  30M0G7W 0.00 dBW Digital Video
### Points of Communication:

1. AMC-11 (S2433) - (131 W.L.)
2. GALAXY 13 (S2386) - (127 W.L.)
3. GALAXY 14 (S2385) - (125 W.L.)
4. GALAXY 15 (S2387) - (133.1)
5. GALAXY 17 (S2715) - (91 W.L.)
6. GALAXY 18 (S2733) - (123 W.L.)
7. SES-11 (S2964) - (104.95 W.L.)
8. SES-3 (S2892) - (103 W.L.)

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### Points of Communication:

KJMM Studio - PERMITTED LIST - ()

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### Points of Communication:

KACO Studio - PERMITTED LIST - ()
Points of Communication:

KACO Studio - PERMITTED LIST - ()

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<tr>
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<th>Class of Station</th>
<th>Nature of Service</th>
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<tbody>
<tr>
<td>SES–REG–20181016–06163</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: 1631 LA France St NE
LOCATION: 1631 LA France St NE, Fulton, Atlanta, GA
33 ° 45' 34.16" N LAT.  84 ° 20' 5.08" W LONG.
ANTENNA ID: 934D0015-G  3.8 meters  comtech 3.8  934D0015-G2

3700.0000 - 4200.0000 MHz  36M0F8W

Points of Communication:

1631 LA France St NE - 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–20181016–06198</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

SITE ID: Rosedale Headend
LOCATION: 1304 1/2 S Main St., Bolivar, Rosedale, MS
33 ° 50’ 42.57” N LAT.  91 ° 1’ 44.89” W LONG.
ANTENNA ID: ant1  3.8 meters  Patriot Antenna Systems  prt-380

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video

ANTENNA ID: ant2  2.8 meters  scientific Atlanta  9000

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video

Points of Communication:

Rosedale Headend - AMC-11(S2433) - (131 W.L.)
Rosedale Headend - GALAXY 13 (S2386) - (127 W.L.)
Rosedale Headend - GALAXY 14 (S2385) - (125 W.L.)
Rosedale Headend - GALAXY 15 (S2387) - (133.1)
Rosedale Headend - GALAXY 17 (S2715) - (91 W.L.)
Rosedale Headend - GALAXY 18 (S2733) - (123 W.L.)

Rosedale Headend - SES-1 (S2807) - (101.0 W.L.)

Rosedale Headend - SES-11 (S2964) - (104.95 W.L)

Rosedale Headend - SES-3 (S2892) - (103 W.L.)


Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Birchwood
LOCATION: 401 Cedar Avenue, Washburn, Birchwood, WI
45° 39' 6.00" N LAT. 91° 33' 35.00" W LONG.

ANTENNA ID: ANT 1 3.7 meters VIKING P370FAE

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: ant 2 3 meters Channel Master 6346

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: ant 3 3.4 meters prodelin 1344

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: ant 4 3 meters na na

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Birchwood - PERMITTED LIST - ()

SES–REG–20181016–06202  E200889  Dowdy & Dowdy Partnership

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gulfport
LOCATION: 10250 Lorraine Rd, Harrison, Gulfport, MS
30° 26' 4.40" N LAT. 89° 1' 47.50" W LONG.

ANTENNA ID: 1 3.1 meters Patriot 3.1m Prime Focus

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video, audio and data

Points of Communication:
<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 68 and Moody Drive, Mason, Maysville, KY</th>
<th>38°38'35.00&quot; N LAT.</th>
<th>83°46'44.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville7</td>
<td>4.1 meters Patriot</td>
<td>Not Known</td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>6M00C7W</td>
<td>0.00 dBW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 62 &amp; Moody Drive, Mason, Maysville, KY</th>
<th>38°38'34.00&quot; N LAT.</th>
<th>83°46'47.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville6</td>
<td>3.7 meters General Dynamics</td>
<td>Not Known</td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>6M00C7W</td>
<td>0.00 dBW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 62 &amp; Moody Drive, Mason, Maysville, KY</th>
<th>38°38'34.00&quot; N LAT.</th>
<th>83°46'45.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville5</td>
<td>3.1 meters Patriot</td>
<td>Not Known</td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>6M00C7W</td>
<td>0.00 dBW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 62 &amp; Moody Drive, Mason, Maysville, KY</th>
<th>38°38'34.00&quot; N LAT.</th>
<th>83°46'46.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville4</td>
<td>3.7 meters General Dynamics</td>
<td>Not Known</td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>6M00C7W</td>
<td>0.00 dBW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 62 and Moody Drive, Mason, Maysville, KY</th>
<th>38°38'38.00&quot; N LAT.</th>
<th>83°46'46.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville8</td>
<td>4.8 meters Patriot</td>
<td>Not Known</td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>6M00C7W</td>
<td>0.00 dBW</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID: Maysville Head End</th>
<th>LOCATION: US 62 &amp; Moody Drive, Mason, Maysville, KY</th>
<th>38°38'33.00&quot; N LAT.</th>
<th>83°46'48.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID: Maysville2</td>
<td>3.1 meters Patriot</td>
<td>Not Known</td>
<td></td>
</tr>
</tbody>
</table>
### Points of Communication:

- Maysville Head End - AMC 7(S2155) - (135 W.L.)
- Maysville Head End - AMC-1(S2445) - (130.90)
- Maysville Head End - AMC-11(S2433) - (131 W.L.)
- Maysville Head End - GALAXY 13 (S2386) - (127 W.L.)
- Maysville Head End - GALAXY 14 (S2385) - (125 W.L.)
- Maysville Head End - GALAXY 16 (S2687) - (99 W.L.)
- Maysville Head End - GALAXY 17 (S2715) - (91 W.L.)
- Maysville Head End - GALAXY 18 (S2733) - (123 W.L.)

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**SES—REG—20181016—06221**  

The Board of Trustees of the Univ of AL for Univ of Alabama at Birmingham

**Class of Station:**  
Fixed Earth Stations

**Nature of Service:**  
Fixed Satellite Service

**SITE ID:**  
ANT 1

**LOCATION:**  
323 Hulett Road, Lowndes, Sardis, AL  
32° 8' 29.80" N LAT.  
86° 44' 43.20" W LONG.

**ANTENNA ID:**  
ANT 1  
3.8 meters  
COMTECH  
3.8M

**Points of Communication:**

- ANT 1 - PERMITTED LIST - ()
SES–REG–20181016–06233  E  E200913  STATE BOARD OF EDUCATION STATE OF IDAHO
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAIN-TV- Ant. 2
LOCATION: 1455 N. Orchard Street, ADA, Boise, ID
43 ° 37 ' 4.68 " N LAT. 116 ° 14 ' 40.27 " W LONG.

ANTENNA ID: ANT-2  5 meters DH Satellite 50DH-1

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

KAIN-TV- Ant. 2 - PERMITTED LIST - ()

SES–REG–20181016–06239  E  E200919  Renda Broadcasting Corp. of Nevada
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WEJZ/WGNE STUDIO
LOCATION: 6440 ATLANTIC BOULEVARD, DUVAL, JACKSONVILLE, FL
30 ° 18 ' 44.15 " N LAT. 81 ° 3 ' 32.17 " W LONG.

ANTENNA ID: MAIN DISH 3.8 meters UNKNOWN UNKNOWN

3700.0000 - 4200.0000 MHz

Points of Communication:

WEJZ/WGNE STUDIO - PERMITTED LIST - ()

SES–REG–20181016–06258  E  E200931  Withers Broadcasting Company of Paducah, LLC
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WZZL Studio
LOCATION: 1700 North 18th Street, McCracken, Paducah, KY
37 ° 5 ' 50.77 " N LAT. 88 ° 37 ' 22.87 " W LONG.

ANTENNA ID: ANT1 3.7 meters Channel Master 12R

3700.0000 - 4200.0000 MHz 36M0G7W QPSK modulation, digital audio and video data
<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>WMOK Studio</th>
<th>LOCATION: 339 Fairgrounds Road, Massac, Metropolis, IL 37° 9' 10.77&quot; N LAT. 88° 42' 36.13&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID:</td>
<td>ANT1</td>
<td>Channel Master 12R</td>
</tr>
<tr>
<td></td>
<td>3.7 meters</td>
<td>QPSK modulation, digital audio and video data</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
</tbody>
</table>

Points of Communication:

WMOK Studio - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>SMB</th>
<th>LOCATION: 3355 Hiawath ave, Hennepin, Minneapolis, MN 44° 56' 29.82&quot; N LAT. 93° 13' 58.75&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID:</td>
<td>smb</td>
<td>Channel Master na</td>
</tr>
<tr>
<td></td>
<td>3 meters</td>
<td>Digital Video</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W 0.00 dBW</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F 0.00 dBW Analog Video with associated subcarriers</td>
</tr>
</tbody>
</table>

Points of Communication:

SMB - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>Olney</th>
<th>LOCATION: 4667 Radio Tower Lane, Richland, Olney, IL 38° 42' 1.00&quot; N LAT. 88° 4' 53.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID:</td>
<td>1</td>
<td>Comtech 3.8 Meter EL AZ</td>
</tr>
<tr>
<td></td>
<td>3.8 meters</td>
<td>Digital audio and video for distribution on radio stations</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SITE ID:</th>
<th>Newton</th>
<th>LOCATION: 103 Museum Dr., Jasper, Newton, IL 38° 59' 23.00&quot; N LAT. 88° 11' 18.00&quot; W LONG.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 118 of 200
ANTENNA ID: 1
3.8 meters
Comtech
3.8 Meter EL AZ
3700.0000 - 4200.0000 MHz
36M0G7W
Audio and video for distribution on radio stations

Points of Communication:

Newton - PERMITTED LIST - ()
Olney - PERMITTED LIST - ()

SES–REG–20181016–06287  E200954 Wood County Telephone Company, DBA
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Rome
LOCATION: 1105 County Road D, Adams, Nekoosa, WI
44 ° 13' 9.48" N LAT. 89 ° 47' 55.10" W LONG.
ANTENNA ID: 1
4.5 meters
SSE
8345
3700.0000 - 4200.0000 MHz
ANTENNA ID: 2
4 meters
Patriot
Unknown
Points of Communication:

Rome - PERMITTED LIST - ()

SES–REG–20181016–06313  E200978 ROXBORO BROADCASTING COMPANY
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Site1
LOCATION: 2070 Hurdle Mills Road, Person, Roxboro, NC
36 ° 21' 58.00" N LAT. 78 ° 59' 46.00" W LONG.
ANTENNA ID: Mesh1
3 meters
Channel Master
unknown
3700.0000 - 4200.0000 MHz
36M0G7W
Digital Video and Audio signals
Points of Communication:

Site1 - PERMITTED LIST - ()

SES–REG–20181016–06338  E201001 PARISH COMMUNICATIONS
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Hope
LOCATION: 1484 E Shaffer Rd, Midland, Hope, MI
43° 45' 22.71" N LAT. 84° 18' 32.96" W LONG.

ANTENNA ID: Hope 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz Hope 0.00 dBW Video

Points of Communication:

Hope - PERMITTED LIST - ()

**SES-REG-20181016-06355** E E201015 WSUA Broadcasting Corporation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: CBI MIA-COL
LOCATION: 2100 Coral Way ste 200, Dade, Miami, FL
25° 45' 0.00" N LAT. 80° 13' 44.00" W LONG.

ANTENNA ID: CBI MIA-CO 4.6 meters ANDREW ES46P-1
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services AUDIO

Points of Communication:

CBI MIA-COL - PERMITTED LIST - ()

**SES-REG-20181016-06357** E E201017 Hagerstown Broadcasting Company
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1135 Haven Road
LOCATION: 1135 Haven Road, Washington, Hagerstown, MD
39° 40' 4.30" N LAT. 77° 43' 31.92" W LONG.

ANTENNA ID: ant2.8 2.8 meters Scientific-Atlanta 9000
3700.0000 - 4200.0000 MHz 36M0G7W digital

Points of Communication:

1135 Haven Road - PERMITTED LIST - ()

**SES-REG-20181016-06385** E E201035 PARISH COMMUNICATIONS
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Linwood
LOCATION: 1804 E Anderson Rd, Bay, Linwood, MI
43° 45' 4.46'' N LAT. 83° 58' 29.94'' W LONG.

ANTENNA ID: Linwood 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital video

Points of Communication:

Linwood - PERMITTED LIST - ()

SES-REG-20181016-06411 E E201055 St. Peter the Rock Media
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 6201 West Snowville, Cuyahoga, Brecksville, OH
41° 17' 3.50'' N LAT. 81° 38' 30.90'' W LONG.

ANTENNA ID: ANT 1 3.8 meters Harris TVRO 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Audio & Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06415 E E201059 Magnum Broadcasting, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 315 S. Atherton St., Centre, State College, PA
40° 47' 22.00'' N LAT. 77° 51' 41.00'' W LONG.

ANTENNA ID: ANT1 2.74 meters Comsat RS1
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181016-06426 E E201068 Consolidated Cable Vision, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: 2181 4th Avenue East, Stark, Dickinson, ND
46° 54' 19.50" N LAT. 102° 46' 51.40" W LONG.

<table>
<thead>
<tr>
<th>ANTEENA ID</th>
<th>Height (m)</th>
<th>Antenna Type</th>
<th>ID</th>
<th>Carrier Output (dBW)</th>
<th>Frequency Range (MHz)</th>
<th>Carrier Bandwidth (MHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-37M-9</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-1</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-10</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-24M-2</td>
<td>2.4</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-3</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-7</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-5</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-6</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-38M-4</td>
<td>3.8</td>
<td>Patriot</td>
<td>PRT-380</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-37M-8</td>
<td>3.7</td>
<td>Prodelin</td>
<td>1374</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
<tr>
<td>C-96M-11</td>
<td>9.6</td>
<td>Simulsat</td>
<td>5B</td>
<td>0.00</td>
<td>3700.0000 - 4200.0000</td>
<td>Video Carrier</td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: ACTV Headend
LOCATION: 210 Frank Edwards Road, Ashe, West Jefferson, NC
36 ° 20 ' 27.70 " N LAT. 81 ° 31 ' 54.90 " W LONG.

ANTENNA ID: Patriot 3.8 meters Patriot

3700.0000 - 4200.0000 MHz 100KG7W

Digital Data, Audio, and Video

Points of Communication:

ACTV Headend - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WEBO-AM Transmitter
LOCATION: 147 Montrose Avenue, Tioga, Owego, NY
42 ° 5 ' 31.60 " N LAT. 76 ° 15 ' 25.50 " W LONG.

ANTENNA ID: ANT1 3.7 meters Dawn Co D37

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Digital Audio with associated subcarriers

Points of Communication:

WEBO-AM Transmitter - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1201 San Jacinto St., Suite 200 (ATTSN SW), Houston, TX
29 ° 45 ' 13.00 " N LAT. 95 ° 21 ' 52.00 " W LONG.

ANTENNA ID: ATTSN SW 1 2.4 meters DH Satellite Gemini

3700.0000 - 4200.0000 MHz 36M0G7W

Video

ANTENNA ID: ATTSN SW 2 2.7 meters DH Satellite Gemini

3700.0000 - 4200.0000 MHz 36M0G7W

Video
Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181016–06461 E201104 AT&T Sports Net Rocky Mountain, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3626 156th Ave SE (RSNW), Bellevue, WA
47 ° 34 ’ 36.00 ” N LAT. 122 ° 7 ’ 52.00 ” W LONG.

ANTENNA ID: RSNW 1 4.5 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W Video

ANTENNA ID: RSNW 2 3.6 meters Andrew Unknown
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181016–06473 E201116 AT&T Sports Net Rocky Mountain, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2399 Blake Street, Suite 130 (ATTSN RM), Denver, CO
39 ° 45 ’ 29.50 ” N LAT. 104 ° 59 ’ 22.40 ” W LONG.

ANTENNA ID: SNRM 1-2 4.5 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181016–06486 E201129 DIRECTV Enterprises, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: MSSNKSFR
LOCATION: 5400 Foxridge Dr., Mission, KS
39 ° 1 ’ 8.00 ” N LAT. 94 ° 40 ’ 1.00 ” W LONG.
ANTENNA ID: MSSNK 1-25  4.5 meters  ViaSat  Superior 8345

3700.0000 - 4200.0000 MHz  36M0G7W  Video

Points of Communication:

MSSNKSFR - PERMITTED LIST - ()

SES-REG-20181016-06489  E201132  Delcambre Telephone Company, L.L.C.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Delcambre Headend 1
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
29° 56' 40.54" N LAT.  91° 59' 55.41" W LONG.

ANTENNA ID: Antenna 1  4.5 meters  Patriot  Prime Focus

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Video Carrier

SITE ID: Delcambre Headend 2
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
29° 56' 40.68" N LAT.  91° 59' 55.18" W LONG.

ANTENNA ID: Antenna 2  3.8 meters  Patriot  Prime Focus

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Video Carrier

SITE ID: Delcambre Headend 3
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
29° 56' 40.68" N LAT.  91° 59' 54.98" W LONG.

ANTENNA ID: Antenna 3  3.8 meters  Patriot  Prime Focus

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Video Carrier

SITE ID: Delcambre Headend 5
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
29° 46' 40.71" N LAT.  91° 59' 54.45" W LONG.

ANTENNA ID: Antenna 5  3.8 meters  Patriot  Prime Focus

3700.0000 - 4200.0000 MHz  36M0G7W  Video Carrier

SITE ID: Delcambre Headend 6
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
29° 56' 40.73" N LAT.  91° 59' 54.21" W LONG.

ANTENNA ID: Antenna 6  3.8 meters  Patriot  Prime Focus

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Video Carrier
SITE ID: Delcambre Headend 4
LOCATION: 304 Sam Drive, Vermilion, Delcambre, LA
         29° 56' 40.71" N LAT.  91° 59' 54.71" W LONG.
ANTENNA ID: Antenna 4  3.8 meters  Patriot  Prime Focus
            3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Video Carrier

Points of Communication:
Delcambre Headend 1 - PERMITTED LIST - ()
Delcambre Headend 2 - PERMITTED LIST - ()
Delcambre Headend 3 - PERMITTED LIST - ()
Delcambre Headend 4 - PERMITTED LIST - ()
Delcambre Headend 5 - PERMITTED LIST - ()
Delcambre Headend 6 - PERMITTED LIST - ()

SES–REG–20181016–06490  E201133  AlwaysMountainTime, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Avon Crossing
LOCATION: 182 Avon Rd STE 240, Eagle, Avon, CO
         39° 37' 58.55" N LAT.  106° 31' 15.96" W LONG.
ANTENNA ID: ANT1  3.8 meters  Comtech  829165-G1
            3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Analog Video with associated subcarriers

Points of Communication:
Avon Crossing - PERMITTED LIST - ()

SES–REG–20181016–06498  E201141  Dowdy & Dowdy Partnership
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Tupelo
LOCATION: 2216 S Gloster St, Lee, Tupelo, MS
         34° 12' 48.10" N LAT.  88° 43' 13.70" W LONG.
ANTENNA ID: 1  4.5 meters  Patriot  PRT-450
            3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital video, audio and data
### Points of Communication:

**Tupelo - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Catholic Radio Network, 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>KEXS Xmit Site</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>201 N. Industrial Park Road, Clay, Excelsior Springs, MO</td>
</tr>
<tr>
<td></td>
<td>39 ° 20' 28.40&quot; N LAT. 94 ° 14' 27.20&quot; W LONG.</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>ANT1</td>
</tr>
<tr>
<td></td>
<td>3.7 meters</td>
</tr>
<tr>
<td></td>
<td>Prodelin</td>
</tr>
<tr>
<td></td>
<td>1374-995</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td></td>
<td>36M0G7W</td>
</tr>
<tr>
<td></td>
<td>Digital and Analog Video with associated audio subcarriers</td>
</tr>
</tbody>
</table>

### Points of Communication:

**KEXS Xmit Site - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Withers Broadcasting of Southern Illinois, LLC</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>WDDD Studio</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>1822 North Court Street, Williamson, Marion, IL</td>
</tr>
<tr>
<td></td>
<td>37 ° 45' 14.15&quot; N LAT. 88 ° 56' 0.40&quot; W LONG.</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>ANT1</td>
</tr>
<tr>
<td></td>
<td>3.7 meters</td>
</tr>
<tr>
<td></td>
<td>Channel Master</td>
</tr>
<tr>
<td></td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td></td>
<td>36M0G7W</td>
</tr>
<tr>
<td></td>
<td>0.00 dBW</td>
</tr>
<tr>
<td></td>
<td>QPSK modulation, digital audio and video data</td>
</tr>
</tbody>
</table>

### Points of Communication:

**WDDD Studio - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>San Juan Cable, 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>Lummi Indian Reserva</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>2564 Mackenzie Rd, whatcom, Bellingham, WA</td>
</tr>
<tr>
<td></td>
<td>48 ° 44' 7.40&quot; N LAT. 122 ° 39' 59.50&quot; W LONG.</td>
</tr>
<tr>
<td>ANTENNA ID:</td>
<td>LummiReser</td>
</tr>
<tr>
<td></td>
<td>4.5 meters</td>
</tr>
<tr>
<td></td>
<td>American Antennas</td>
</tr>
<tr>
<td></td>
<td>TVRO 4.5</td>
</tr>
<tr>
<td>Points of Communication:</td>
<td></td>
</tr>
<tr>
<td>--------------------------</td>
<td></td>
</tr>
<tr>
<td>Lummi Indian Reserva - PERMITTED LIST - ()</td>
<td></td>
</tr>
<tr>
<td><strong>SES-REG-20181016-06511</strong></td>
<td>E201153</td>
</tr>
<tr>
<td>Registration</td>
<td></td>
</tr>
<tr>
<td><strong>Class of Station:</strong> Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td><strong>Nature of Service:</strong> Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

| SITE ID: | KIKU Studio |
| LOCATION: | 737 Bishop St Ste 1430, Honolulu, Honolulu, HI |
| | 21 ° 18 ’ 25.00 “ N LAT. | 157 ° 51 ’ 44.90 ” W LONG. |
| **ANTENNA ID:** | 1 | 3.8 meters | Patriot | 3.8 M-PF |
| **3700.0000 - 4200.0000 MHz** | 36M0G7W |
| **QPSK or 8PSK** |

<table>
<thead>
<tr>
<th>Points of Communication:</th>
</tr>
</thead>
<tbody>
<tr>
<td>KIKU Studio - PERMITTED LIST - ()</td>
</tr>
<tr>
<td><strong>SES-REG-20181016-06518</strong></td>
</tr>
<tr>
<td>Registration</td>
</tr>
<tr>
<td><strong>Class of Station:</strong> Fixed Earth Stations</td>
</tr>
<tr>
<td><strong>Nature of Service:</strong> Fixed Satellite Service</td>
</tr>
</tbody>
</table>

| SITE ID: | Nedved Mitchell |
| LOCATION: | 400 N Rowley St, Davison, Mitchell, SD |
| | 43 ° 42 ’ 46.27 “ N LAT. | 98 ° 1 ’ 35.45 ” W LONG. |
| **ANTENNA ID:** | DISH1 | 4.2 meters | DH Products | 42DH1 |
| **3700.0000 - 4200.0000 MHz** | 36M0G7W | 0.00 dBW |
| **Multiplexed digital audio services** |

<table>
<thead>
<tr>
<th>Points of Communication:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nedved Mitchell - PERMITTED LIST - ()</td>
</tr>
<tr>
<td><strong>SES-REG-20181017-04819</strong></td>
</tr>
<tr>
<td>Registration</td>
</tr>
<tr>
<td><strong>Class of Station:</strong> Fixed Earth Stations</td>
</tr>
<tr>
<td><strong>Nature of Service:</strong> Fixed Satellite Service</td>
</tr>
</tbody>
</table>

| SITE ID: | Main Studio |
| LOCATION: | 2203-Wynnton Rd, Muscogee, Columbus, GA |
| | 32 ° 28 ’ 13.10 ” N LAT. | 84 ° 57 ’ 35.90 ” W LONG. |
| **ANTENNA ID:** | 3.7M | 3.7 meters | na | na |
Points of Communication:

Main Studio - AMC-15 (S2180) - 105.0 W.L.
Main Studio - AMC-18 (S2713) - (139 WL)
Main Studio - AMC-8 (S2379 - (139 W.L.)
Main Studio - PERMITTED LIST - ()
Main Studio - PERMITTED LIST - ()

SES-REG-20181017-05244  E E191620  Ozark Media, Inc.

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

SITE ID: 1
LOCATION: 555 Marshall Drive, Pulaski, St. Robert, MO
37 ° 48' 37.30 " N LAT.  92 ° 8' 32.10 " W LONG.

ANTENNA ID: 1 3.7 meters  unknown  unknown

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20181017-05245  E E191621  Nelson County Cablevision Corp

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

SITE ID: 1
LOCATION: 2845 Rockfish Valley Highway, Nelson, Nellysford, VA
37 ° 53' 22.00 " N LAT.  78 ° 52' 30.00 " W LONG.

ANTENNA ID: 1 3.7 meters  GD SATCOM  1374
3700.0000 - 4200.0000 MHz  0  0.00 dBW  0

ANTENNA ID: 2 4.5 meters  ANIXTER  MSF-16145
3700.0000 - 4200.0000 MHz  0  0.00 dBW  0

ANTENNA ID: 3 3.5 meters  UNKNOWN  UNKNOWN
3700.0000 - 4200.0000 MHz
1 - PERMITTED LIST - ()

**SES–REG–20181017–05249**  E  E191625  Cincinnati Bell Extended Territories, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 345 E Turtle Creek Union Road, Lebanon, OH

39° 24’ 11.99” N LAT.  
84° 12’ 18.40” W LONG.

**ANTENNA ID:** 1  
4.5 meters  
Scientific Atlanta  
Unknown

3700.0000 - 4200.0000 MHz

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES–REG–20181017–05997**  E  E200690  Wagon Wheel Broadcasting, LLC

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 95.3 WIKI Studios

**LOCATION:** 220 Clifty Drive Suite O, Jefferson, Madison, IN

38° 46’ 35.60” N LAT.  
85° 23’ 26.80” W LONG.

**ANTENNA ID:** Network  
3 meters  
Unknown  
10 foot parabolic

3700.0000 - 4200.0000 MHz  
36M0G7W  
Modulation and Services Network audio for commercial radio programming, QPSK modulation, digital audio and video data.

**Points of Communication:**

95.3 WIKI Studios - PERMITTED LIST - ()

**SES–REG–20181017–05999**  E  E200693  WBIN Media Co., Inc.

Registration

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Westbrook

**LOCATION:** 30 Thomas Dr Westbrook, Maine, Cumberland, Westbrook, ME

43° 38’ 5.00” N LAT.  
70° 20’ 58.00” W LONG.

**ANTENNA ID:** unknown

3700.0000 - 4200.0000 MHz  
36M0G7W

Page 130 of 200
Points of Communication:

Westbrook - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Nature of Service</th>
<th>Antenna ID</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181017-06031</td>
<td>Fixed Satellite Service</td>
<td>SAT1</td>
<td>Scientific Atlanta 4.5</td>
</tr>
<tr>
<td>E200725 Wide Open West Ohio, LLC</td>
<td>40 ° 0 ' 0.10 &quot; N LAT. 83 ° 7 ' 12.00 &quot; W LONG.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Nature of Service</th>
<th>Antenna ID</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181017-06112</td>
<td>Fixed Satellite Service</td>
<td>Sat1</td>
<td>Scientific Atlanta 4.5</td>
</tr>
<tr>
<td>E200802 Knology of Florida, LLC</td>
<td>30 ° 12 ' 24.82 &quot; N LAT. 85 ° 50 ' 29.86 &quot; W LONG.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

Knology of FL - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Nature of Service</th>
<th>Antenna ID</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181017-06115</td>
<td>Fixed Satellite Service</td>
<td>SAT1</td>
<td>Scientific Atlanta 4.5</td>
</tr>
<tr>
<td>E200805 Knology of Florida, Inc.</td>
<td>27 ° 53 ' 19.75 &quot; N LAT. 82 ° 40 ' 53.45 &quot; W LONG.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Points of Communication:

Knology of FL Pin - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
<th>Nature of Service</th>
<th>Antenna ID</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181017-06115</td>
<td>Fixed Satellite Service</td>
<td>SAT1</td>
<td>Scientific Atlanta 4.5</td>
</tr>
<tr>
<td>E200805 Knology of Florida, Inc.</td>
<td>12880B 34th Street North, Pinellas, Clearwater, FL</td>
<td>4.5</td>
<td>36MOG7W digital signals</td>
</tr>
</tbody>
</table>

unknown

3.8 meters

36MOG7W digital signals
3700.0000 - 4200.0000 MHz  36M0G7W digital signals

ANTENNA ID: Sat2 5 meters  Acti  simulsat 5

3700.0000 - 4200.0000 MHz  36M0G7W digital signals

Points of Communication:

Kalogny of FL Pin - PERMITTED LIST - ()

SES-REG-20181017-06121  E200811 HTC Communications Co.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Site1
LOCATION: 1100 S. Market St, Monroe, Waterloo, IL  38 ° 18 ’ 54.51 ” N LAT.  90 ° 8 ’ 37.34 ” W LONG.

ANTENNA ID: 1 4.5 meters  Patriot  4.5M Patriot
            3700.0000 - 4200.0000 MHz  36M0F8F Analog/Digital video and subcarriers

ANTENNA ID: 2 4.5 meters  Patriot  4.5M Patriot
            3700.0000 - 4200.0000 MHz  36M0F8F Analog/Digital video and subcarriers

ANTENNA ID: 3 3.7 meters  Patriot  3.7m
            3700.0000 - 4200.0000 MHz  36M0F8F Analog/Digital video and subcarriers

ANTENNA ID: 4 3.7 meters  Patriot  3.7m
            3700.0000 - 4200.0000 MHz  36M0F8F Analog/Digital video and subcarriers

ANTENNA ID: 5 3.7 meters  Patriot  3.7m
            3700.0000 - 4200.0000 MHz  36M0F8F Analog/Digital video and subcarriers

Points of Communication:

Site1 - PERMITTED LIST - ()

SES-REG-20181017-06491  E201134 E. Ritter Communications Holdings, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Marked Tree headend
LOCATION: 109 Henderson, Poinsett, Marked Tree, AR  35 ° 31 ’ 46.79 ” N LAT.  90 ° 25 ’ 40.95 ” W LONG.
<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant9</th>
<th>4.5 meters</th>
<th>Patriot</th>
<th>PRT-450</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant1</th>
<th>5 meters</th>
<th>Scientific Atlanta</th>
<th>8008</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant2-5</th>
<th>3.8 meters</th>
<th>Patriot</th>
<th>PRT-380</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant6-8</th>
<th>3 meters</th>
<th>Patriot</th>
<th>PRT-310</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant10-12</th>
<th>3.7 meters</th>
<th>Viking</th>
<th>8345</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Ant13</th>
<th>4.5 meters</th>
<th>Superior Satellite Engineering</th>
<th>8345</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>MPEG2 and MPEG4 digital audio and video services</td>
</tr>
</tbody>
</table>

**Points of Communication:**

Marked Tree headend - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
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<td></td>
</tr>
<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

| SITE ID: | WOGG Satellite Dish |
|LOCATION: | 2058 Westminster Highway, Oconee, Walhalla, SC |
|          | 34° 44' 32.10" N LAT. 83° 4' 19.30" W LONG. |

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>ANT1</th>
<th>3.8 meters</th>
<th>COMTECH</th>
<th>3.8 EL/AZ</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
</tr>
</tbody>
</table>

**Points of Communication:**

WOGG Satellite Dish - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SES–REG–20181017–06502</th>
<th>E201145</th>
<th>HC2 Station Group, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
</tbody>
</table>

Page 133 of 200
Nature of Service: Fixed Satellite Service

SITE ID: Briarcliff Atlanta
LOCATION: 1800 Briarcliff Road NE, Atlanta, GA 33 ° 48 ' 26.40 " N LAT. 84 ° 20 ' 21.50 " W LONG.

ANTENNA ID: ANT 1 3.65 meters D&H D7H 3.65

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Briarcliff Atlanta - PERMITTED LIST - ()

SES--REG--20181017--06503  E201146 Georgia-Carolina Radiocasting Company, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WSGC Satellite Dish
LOCATION: 562 Jones Street, Elbert, Elberton, GA 34 ° 6 ' 49.25 " N LAT. 82 ° 52 ' 50.52 " W LONG.

ANTENNA ID: ANTI 3.8 meters COMTECH 3.8 EL/AZ

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WSGC Satellite Dish - PERMITTED LIST - ()

SES--REG--20181017--06506  E201148 Chadrad Communications Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 226 Bordeaux St., Dawes, Chadron, NE 42 ° 49 ' 48.00 " N LAT. 102 ° 59 ' 55.00 " W LONG.

ANTENNA ID: A1 3.8 meters NSN 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WNEG Satellite Dish
LOCATION: 145 North Alexander Street, Stephens, Toccoa, GA
LAT: 34 ° 34 ' 43.57 " N
LONG: 83 ° 19 ' 52.40 " W

ANTENNA ID: ANTI
3.8 meters
COMTECH
ANT 3.8 EL/AZ
3700.0000 - 4200.0000 MHz
0.00 dBW
Digital Audio

Points of Communication:

WNEG Satellite Dish - PERMITTED LIST - ()

---

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

SITE ID: Site 2
LOCATION: 187 Wood St, Ashley, Crossett, AR
LAT: 33 ° 9 ' 14.72 " N
LONG: 91 ° 57 ' 33.82 " W

ANTENNA ID: ANTI
3.8 meters
Patriot
ANT 829066-G2RC
3700.0000 - 4200.0000 MHz
0.00 dBW
Analog Video with associated subcarriers

Points of Communication:

Site 2 - PERMITTED LIST - ()

---

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

SITE ID: WSNW Satellite Dish
LOCATION: 103 Ram Cat Alley, Oconee, Seneca, SC
LAT: 34 ° 41 ' 6.00 " N
LONG: 82 ° 57 ' 16.50 " W

ANTENNA ID: ANTI
3.8 meters
COMTECH
ANT 3.8 EL/AZ
3700.0000 - 4200.0000 MHz
0.00 dBW
Digital Audio

Points of Communication:

WSNW Satellite Dish - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Hartford
LOCATION: 3114 Albany Ave, West Hartford, CT
41° 47' 48.40" N LAT. 72° 47' 48.50" W LONG.

ANTENNA ID: ANT 1 3.8 meters Comtech 829066
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:
Hartford - PERMITTED LIST - ()

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

SITE ID: Flamingo McAllen
LOCATION: 200 W Flamingo 1, McAllen, TX
26° 15' 24.30" N LAT. 98° 13' 52.00" W LONG.

ANTENNA ID: ANT 1 3 meters Andersen 4P-10S
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:
Flamingo McAllen - PERMITTED LIST - ()

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

SITE ID: Laurel Tower SA
LOCATION: 1010 W Laurel St, San Antonio, TX
29° 26' 29.90" N LAT. 98° 30' 22.80" W LONG.

ANTENNA ID: ANT 1 3 meters Andersen 4P-10S
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:
Laurel Tower  SA - PERMITTED LIST - ()

**SES–REG–20181017–06558**  E201181  HC2 Station Group, Inc.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Tampa Boyette Rd

**LOCATION:** 14607 Boyette Road, Riverview, FL

27 ° 50 ’ 51.50 ” N LAT. 82 ° 15 ’ 49.40 ” W LONG.

**ANTENNA ID:** ANT 1 3 meters Andersen 4P-10S

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

**Points of Communication:**

Tampa Boyette Rd - PERMITTED LIST - ()

**SES–REG–20181017–06564**  E201184  HC2 LPTV Holdings, Inc.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Cedar Hill/Milton

**LOCATION:** 1360 Belt Line Rd, Cedar Hill, TX

32 ° 35 ’ 22.00 ” N LAT. 96 ° 58 ’ 12.90 ” W LONG.

**ANTENNA ID:** ANT 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

**ANTENNA ID:** ANT 2 3 meters D&H 30DH1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

**Points of Communication:**

Cedar Hill/Milton - PERMITTED LIST - ()

**SES–REG–20181017–06566**  E201185  HC2 LPTV Holdings, Inc.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Missouri CityHouston

**LOCATION:** 2945 Senior Rd, Missouri City, TX

29 ° 33 ’ 45.20 ” N LAT. 95 ° 30 ’ 35.90 ” W LONG.
Points of Communication:

Missouri City, Houston - PERMITTED LIST - ()

SES-REG-20181017-06568 E E201978 HC2 LPTV Holdings, Inc.

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Candlabra / 005010
LOCATION: 3324 Pembroke Rd, Pembroke Park, FL
25° 59' 35.30" N LAT. 80° 10' 26.00" W LONG.

ANTENNA ID: ANT 1 3 meters D&H 24DH1

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Candlabra / 005010 - PERMITTED LIST - ()

SES-REG-20181017-06570 E E201188 HC2 LPTV Holdings, Inc.

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Domino Lane Philly
LOCATION: 400-405 Domino Lane, Philadelphia, PA
40° 2' 30.10" N LAT. 75° 14' 10.10" W LONG.

ANTENNA ID: ANT 1 3 meters Prodelin 1304

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video with associated audio subcarriers

Points of Communication:

Domino Lane Philly - PERMITTED LIST - ()

SES-REG-20181017-06606 E E201223 Lucinda DeVaul-Tonges

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: Site 2
LOCATION: State Street State Street, Stark, Nimishillen Township, OH
40° 53' 55.00" N LAT. 81° 12' 36.00" W LONG.

ANTENNA ID: 6346 SMC 3.05 meters Channel Master 6346 10' SMC Antenna

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Site 2 - PERMITTED LIST - ()

SES-REG-20181017-06644 E E201262 briarwood presbyterian church/wljr
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Briarwood
LOCATION: 2200 Briarwood Way, Jefferson, Birmingham, AL
33° 24' 58.68" N LAT. 86° 45' 35.28" W LONG.

ANTENNA ID: RECV 1 3.7 meters DAWNco #D37F48-4PC-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Modulation and Services Digital Traffic,
Various FEC, data rates and modulations

Points of Communication:

Briarwood - PERMITTED LIST - ()

SES-REG-20181017-06651 E E201269 Ind. Co. Cable TV, Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: cave city /rt.2
LOCATION: 4782 NORTH SAINT LOUIS, indepence, BATESVILLE, AR
35° 50' 49.67" N LAT. 91° 34' 21.20" W LONG.

ANTENNA ID: ant 1 3.8 meters patriot 3.8

3700.0000 - 4200.0000 MHz 36mog7d video

ANTENNA ID: ant 2 3.8 meters patriot 3.8

3700.0000 - 4200.0000 MHz 36mog7d video

ANTENNA ID: ant 3 3.8 meters patriot 3.8
Points of Communication:

cave city /rt.2 - PERMITTED LIST - ()
cave city /rt.2 - PERMITTED LIST - ()

Sesreg-20181017-06659 E E201277 Vision Multimedia Group LLC WUFO
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Site ID: wufo-1080
Location: 709 Sycamore Street, Erie, Buffalo, NY
42 ° 53 ' 44.00 " N LAT. 78 ° 50 ' 41.00 " W LONG.

Antenna ID: WUFO 3.7 meters DH-antenna D37F-48

370.0000 - 4200.0000 MHz 0 0.00 dBW
370.0000 - 4200.0000 MHz 0 0.00 dBW

Points of Communication:

wufo-1080 - PERMITTED LIST - ()

Sesreg-20181017-06698 E E201316 Woof Boom Radio of Lima LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Site ID: WLBC Studio
Location: 800 E 29th St, Delaware, Muncie, OH
40 ° 9 ' 39.00 " N LAT. 85 ° 22 ' 42.10 " W LONG.

Antenna ID: 1 3.7 meters DH satellite D37F48-4PC-5/5

370.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital video, audio and data
Points of Communication:

WLBC Studio - PERMITTED LIST - ()

**SES–REG–20181017–06714**  E201331 RadioJones, LLC
Registration
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Site 1.0
**LOCATION:** 211 South Monroe St - Sat Roof Dublin, GA, Laurens, Dublin, GA
32° 32' 15.44" N LAT.  82° 54' 21.53" W LONG.

**ANTENNA ID:** M3.7  3.7 meters  Mesh Generic  unknown

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital and Analog Audio

Points of Communication:

Site 1.0 - PERMITTED LIST - ()

**SES–REG–20181017–06724**  E201342 BTC Multimedia LLC
Registration
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Bascom
**LOCATION:** 6215 W Tiffin Street REAR, Seneca, Bascom, OH
41° 8' 3.53" N LAT.  83° 17' 21.33" W LONG.

**ANTENNA ID:** ANT1  4.5 meters  Scientific Atlanta  8345PF

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video

Points of Communication:

Bascom - PERMITTED LIST - ()

**SES–REG–20181017–06735**  E201353 Volunteer Wireless, LLC
Registration
**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** BLTV Earth Station
**LOCATION:** 2484 Smithville Hwy, Warren, McMinnville, TN
35° 42' 56.51" N LAT.  85° 46' 46.49" W LONG.

**ANTENNA ID:** BLTV  5 meters  ATCi  Simulsat 5

3700.0000 - 4200.0000 MHz  n/a  0.00 dBW  FM
### Points of Communication:

**BLTV Earth Station - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Kaspar Broadcasting Co., 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>
</tbody>
</table>

**_SITE ID:_** WILO/WSHW Studios  
**LOCATION:** 1401 W. Barner St., Clinton, Frankfort, IN  
40 ° 17 ' 9.00 " N LAT.  
86 ° 31 ' 38.00 " W LONG.  

**ANTENNA ID:** Dish 1  
3.8 meters  
Comtech  
G2RC  

**SITE ID:** WILO/WSHW Studios  
**LOCATION:** 1401 W. Barner St., Clinton, Frankfort, IN  
40 ° 17 ' 9.00 " N LAT.  
86 ° 31 ' 38.00 " W LONG.  

**ANTENNA ID:** Dish 1  
3.8 meters  
Comtech  
G2RC  

### Points of Communication:

**WILO/WSHW Studios - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>golden valley cable and communications</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>
</tbody>
</table>

**SITE ID:** GOLDEN VALLEY HEADEN  
**LOCATION:** 4206 US HWAY 68, MAHAVE, GOLDEN VALLEY, AZ  
35 ° 13 ' 10.00 " N LAT.  
114 ° 10 ' 20.00 " W LONG.  

**ANTENNA ID:** GV MULTI 1  
4.5 meters  
SCIENTIFIC ATLANTA  
8345  

**ANTENNA ID:** GV MULTI 1  
4.5 meters  
SCIENTIFIC ATLANTA  
8345  

**ANTENNA ID:** SA 2.8  
2.8 meters  
SCIENTIFIC ATLANTA  
SA 9000  

**ANTENNA ID:** VIKING 3.8  
3.8 meters  
VIKING  
380 AZPLR  

### Points of Communication:

**GOLDEN VALLEY HEADEN - PERMITTED LIST - ()**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Total Life Community Education Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
</tr>
</tbody>
</table>

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Page 142 of 200
### Nature of Service:  Fixed Satellite Service

#### SITE ID: SafeTV
#### LOCATION: 3732 W. Liberty Ave., Washington, Springdale, AR
  36 ° 11 ′ 3.90 ″ N LAT. 94 ° 17 ′ 50.34 ″ W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>SAT-1</th>
<th>3.8 meters</th>
<th>Patriot</th>
<th>Prime Focus</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Video</td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>0.00 dBW</td>
<td>Analog Video with associated subcarriers</td>
</tr>
</tbody>
</table>

#### Points of Communication:

SafeTV - PERMITTED LIST - ()

**SES–REG–20181017–06743**  E201361  TDS BROADBAND SERVICE LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

#### SITE ID: FTCMCOMH
#### LOCATION: 1015 N US Highway 287, Fort Collins, CO
  40 ° 37 ′ 25.48 ″ N LAT. 105 ° 5 ′ 37.01 ″ W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>1</th>
<th>3.7 meters</th>
<th>DH</th>
<th>DH37FAE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>2</th>
<th>2.9 meters</th>
<th>Unknown</th>
<th>Unknown</th>
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</thead>
<tbody>
<tr>
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<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
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<table>
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<th>ANTENNA ID</th>
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<th>4.6 meters</th>
<th>Unknown</th>
<th>Unknown</th>
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<tr>
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<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
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<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>4</th>
<th>3.7 meters</th>
<th>DH</th>
<th>DH37FAE</th>
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<tbody>
<tr>
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<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
<td></td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>5</th>
<th>3.7 meters</th>
<th>DH</th>
<th>DH37FAE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>6</th>
<th>3.8 meters</th>
<th>Patriot</th>
<th>Unknown</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3400.0000 - 4200.0000 MHz</td>
<td>n/a</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Points of Communication:

SafeTV - PERMITTED LIST - ()
**FTCMCOMH - PERMITTED LIST**

**SES–REG–20181017–06745** | E201363 | Winnebago Cooperative Telecom Association

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Thompson Head End

**LOCATION:** 620 4th Ave E, Winnebago, Thompson, IA

43° 22' 2.29" N LAT.

93° 45' 48.13" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Dish #1</th>
<th>3.7 meters</th>
<th>Prodelin</th>
<th>3.7</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTENNA ID</td>
<td>Dish #2</td>
<td>3.2 meters</td>
<td>Scientific Atlanta</td>
<td>3.2 meter</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #3</td>
<td>3.2 meters</td>
<td>Scientific Atlanta</td>
<td>3.2 meter</td>
</tr>
<tr>
<td>3.4000 - 4.2000 MHz</td>
<td>0</td>
<td>0.00 dBW</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #4</td>
<td>3.2 meters</td>
<td>Scientific Atlanta</td>
<td>3.2 meter</td>
</tr>
<tr>
<td>3.4000 - 4.2000 MHz</td>
<td>0</td>
<td>0.00 dBW</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #5</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>3.7</td>
</tr>
<tr>
<td>3.4000 - 4.2000 MHz</td>
<td>0</td>
<td>0.00 dBW</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #6</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>3.7 Meter</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #7</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>3.7 Meter</td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Dish #8</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>3.8 meter</td>
</tr>
<tr>
<td>3.4000 - 4.2000 MHz</td>
<td>0</td>
<td>0.00 dBW</td>
<td>0</td>
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</table>

**Points of Communication:**

Thompson Head End - PERMITTED LIST

**SES–REG–20181017–06758** | E201383 | Arkwest Communications, Inc.

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Arkwest

**LOCATION:** 205 E 7th, Yell, Danville, AR

35° 5' 60.00" N LAT.

93° 39' 31.00" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Arkwest-1</th>
<th>7 meters</th>
<th>Simulsat</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>3200.0000 - 4200.0000 MHz</td>
<td>10K0G7W</td>
<td>DVB-S 2</td>
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</table>
Points of Communication:

Arkwest - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

SITE ID: Piedmont, MO
LOCATION: Hwy 34 Hwy 34, Wayne, Piedmont, MO
37° 11' 0.48" N LAT. 90° 39' 24.53" W LONG.

ANTENNA ID: 3.7M 3.7 meters DH 3.7 Meter
3700.0000 - 4200.0000 MHz 36M0G7D 0.00 dBW Video

ANTENNA ID: 3.8M 3.8 meters Patriot 3.8 Meter
3700.0000 - 4200.0000 MHz 36M0G7D 0.00 dBW Video

Points of Communication:

Piedmont, MO - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

SITE ID: WOAYTV studio
LOCATION: 7113 legends hwy, fayette, Oak Hill, WV
37° 57' 25.40" N LAT. 81° 8' 57.30" W LONG.

ANTENNA ID: WOAYNet1 7.3 meters Andrew ASC Signal 7.3
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW digital video and data services

SITE ID: WOAYTV backup
LOCATION: 7113 legends hwy, fayette, Oak Hill, WV
37° 57' 25.10" N LAT. 81° 8' 57.30" W LONG.

ANTENNA ID: WOAYbackup 4.5 meters Andrew 4.5ESA
3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW digital video and data services

SITE ID: WOAYTV Programs
LOCATION: 7113 legends hwy, fayette, Oak Hill, WV
37° 57' 24.70" N LAT. 81° 8' 57.30" W LONG.

ANTENNA ID: steer1 4.5 meters DH 45DH1
Points of Communication:

WOAYTVstudio - PERMITTED LIST - ()

**SES-REG-20181017-06808**

E201426 CITIES OF WYANDOTTE DEPT. OF MUNICIPAL SERVICE

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 3005 Biddle Avenue, Wayne, Wyandotte, MI

42° 12' 10.65" N LAT. 83° 8' 56.35" W LONG.

**ANTENNA ID:**
1. 5 meters Hughes 5 meter
2. 5 meters Hughes 5 meter
3. 3.8 meters D & H 3.8 meter
4. 3.8 meters D & H 3.8 meter
5. 3.8 meters SES 3.8 meter

**3700.0000 - 4200.0000 MHz**
**0.00 dBW**
**digital video and data services**

Points of Communication:

1 - PERMITTED LIST - ()

**SES-REG-20181017-06817**

E201435 Lowcountry 34 Media, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Red Lion transmitter

**LOCATION:** 2900 Winsor Road, York, Red Lion, PA

39° 54' 17.00" N LAT. 76° 34' 56.00" W LONG.

**ANTENNA ID:**
1. WGCBI 3 meters AFC PR-10
2. WGCBI 4.5 meters UNKNOWN UNKNOWN
3. WGCBI 3 meters SCIENTIFIC ATLANTA UNKNOWN

**3700.0000 - 4200.0000 MHz**
**0.00 dBW**
**DIGITAL VIDEO AUDIO AND DATA MULTIPLEXED**
<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
</tr>
</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

---

<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tbody>
<tr>
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<td>Site 1</td>
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**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

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<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tbody>
<tr>
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<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
</tr>
<tr>
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<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
</tr>
</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

---

<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tbody>
<tr>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
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</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

---

<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tbody>
<tr>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
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</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

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<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tr>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
</tr>
</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

---

<table>
<thead>
<tr>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>Site ID</th>
<th>Location</th>
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<tr>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>Site 1</td>
<td>106 S. 3rd St., Nelson, Bardstown, KY</td>
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<tr>
<td></td>
<td></td>
<td>Winegard Pinnacle</td>
<td>37 ° 48 ' 31.00 '' N LAT.</td>
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</tbody>
</table>

**Antenna Details:**

- **Antenna ID:** Ant 1
- **Height:** 3 meters
- **Type:** Winegard Pinnacle
- **Antenna ID:** Unknown

**Points of Communication:**

Site 1 - PERMITTED LIST - ()
SITE ID: KZNS
LOCATION: 301 West South Temple, Salt Lake, Salt Lake City, UT
40° 46’ 3.00” N LAT. 111° 54’ 5.00” W LONG.

ANTENNA ID: KZNS 4.5 meters Patriot Patriot

3700.0000 - 4200.0000 MHz

Points of Communication:

KZNS - AMC-8 (S2379 - (139 W.L.)

SES-REG-20181017-06947  E201563  Great Lakes Radio, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Cooks Dish
LOCATION: 360 N County Line Rd., Schoolcraft, Cooks, MI
45° 57’ 59.80” N LAT. 86° 29’ 17.70” W LONG.

ANTENNA ID: Dish 3 meters Kaul-Tronics XTI-10

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

Cooks Dish - PERMITTED LIST - ()

SES-REG-20181017-06951  E201567  Fibercast Cable Communications LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: STWMNT
LOCATION: 319 Back Pond Road, USA, Stewartstown, NH
44° 59’ 21.90” N LAT. 71° 29’ 41.10” W LONG.

ANTENNA ID: ANT2 4.5 meters AMERICAN ANTENNAS, INC TVRO-4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Modulation and Services Analog Video with associated subcarriers

SITE ID: STWHE
LOCATION: 1 Back Pond Road, USA, Stewartstown, NH
44° 59’ 7.00” N LAT. 71° 31’ 40.80” W LONG.

ANTENNA ID: ANT1 4.5 meters AMERICAN ANTENNAS, INC TVRO-4.5
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital Video

3700.0000 - 4200.0000 MHz  36M0F8F  0.00 dBW  Modulation and Services Analog Video with associated subcarriers

Points of Communication:

STWHE - PERMITTED LIST - ()

STWMNT - PERMITTED LIST - ()

SES-REG-20181017-06952  E201568  Grantell Broadcasting LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 11474 Hwy 11, Sumter, York, AL
32 ° 31 ’ 24.50 ” N LAT. 88 ° 15 ’ 28.10 ” W LONG.

ANTENNA ID: ESPN 1  3 meters  Sami  10f

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-06953  E201569  Southern Stone Communications, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1555 The Boardwalk, Madison, Huntsville, AL
34 ° 44 ’ 27.70 ” N LAT. 86 ° 39 ’ 25.20 ” W LONG.

ANTENNA ID: 1  3.8 meters  COMTECH  829066-T2RC

3700.0000 - 4200.0000 MHz  36M0F8F

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES-REG-20181017-06954  E201570  Southern Stone Communications, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: Site 1
LOCATION: 111 W. Main St., Madison, Jackson, TN
35 ° 36 ' 53.40 " N LAT. 88 ° 49 ' 12.80 " W LONG.

ANTENNA ID: 1 3.8 meters Comtech 829066-G2RC

3700.0000 - 4200.0000 MHz 36M0F8F 0.00 dBW Analog

Points of Communication:

Site 1 - PERMITTED LIST - ()

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

SITE ID: Silver Spring
LOCATION: 12501 Old Columbia Pike, Montgomery County, Silver Spring, MD
39 ° 3 ' 37.40 " N LAT. 76 ° 57 ' 57.90 " W LONG.

ANTENNA ID: LTI 3.7 meters DH Satellite 37DH4

3700.0000 - 4200.0000 MHz 36M0G7W Audio and Video

Points of Communication:

Silver Spring - PERMITTED LIST - ()

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

SITE ID: Hammond Main
LOCATION: 200 East Thomas St, Tangipahoa, Hammond, LA
30 ° 30 ' 32.00 " N LAT. 90 ° 30 ' 18.00 " W LONG.

ANTENNA ID: ANT 1 3.05 meters C/M RO 3.05

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL VIDEO AUDIO DATA

Points of Communication:

Hammond Main - PERMITTED LIST - ()

SES–REG–20181017–06958 E E201574 Tongue River Communications
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Story WY HE
LOCATION: 19 1/2 North Piney Rd, Sheridan, Story, WY
44° 34' 29.00" N LAT.  106° 53' 23.00" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>Diameter</th>
<th>Manufacturer</th>
<th>ID</th>
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<tbody>
<tr>
<td>Story 1</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>Unk</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>Story 2</td>
<td>3.7 meters</td>
<td>Prodelin</td>
<td>Unk</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>Story 3</td>
<td>3.8 meters</td>
<td>Comtech</td>
<td>Unk</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>Story 4</td>
<td>4.6 meters</td>
<td>Scientific Atlanta</td>
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<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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Points of Communication:

**SITE ID:** Story WY HE - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>Registration</th>
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<th>Nature of Service</th>
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<tr>
<td>SES-REG-20181017-06962</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
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<tr>
<td>E201579</td>
<td>Sangre de Cristo Broadcasting Co. Inc.</td>
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</table>

**SITE ID:** 1
LOCATION: 304 South Grand Ave., San Miguel, Las Vegas, NM
35° 34’ 46.80" N LAT.  103° 13’ 3.00" W LONG.

<table>
<thead>
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<th>ANTENNA ID</th>
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<th>ID</th>
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<td>36M0G7W</td>
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Points of Communication:

1 - PERMITTED LIST - ()

**SITE ID:** SES-REG-20181017-07025
Registration | Class of Station | Nature of Service |
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<tr>
<td>E201633</td>
<td>San Mateo County Community College District</td>
<td>Fixed Earth Stations</td>
</tr>
</tbody>
</table>

**SITE ID:** KCSM FM
LOCATION: 1700 W Hillsdale Blvd building 9, San Mateo, San Mateo, CA
37° 32’ 8.00" N LAT.  122° 20’ 5.03" W LONG.
### Points of Communication:

**KCSM FM - GALAXY 16 (S2687) - (99 W.L.)**

**KCSM FM - PERMITTED LIST - ()**

**SES–REG–20181017–07042**

**Registration**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Site 1

**LOCATION:** 11603 Hwy 308, Lafourche, Larose, LA

29° 34' 37.60" N LAT. 90° 23' 54.60" W LONG.

**ANTENNA ID:** ANT1

**ANTENNA:** 3.7 meters

**ANTENNA ID:** 1374

**Modulation and Services:** Analog Video with associated subcarriers

**3700.0000 - 4200.0000 MHz**

30M0G7W

0.00 dBW

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

**SES–REG–20181017–07047**

**Registration**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** FACTOR SITE

**LOCATION:** BARRIO FACTOR CERRO ANIMAS, PUERTO RICO, ARECIBO, PR

18° 27' 7.45" N LAT. 66° 38' 13.62" W LONG.

**ANTENNA ID:** JLT-1

**ANTENNA:** 4.5 meters

**ANTENNA ID:** ESA45

**Modulation and Services:** Digital Traffic, Various Data Rate, FEC, Information. Video/TV

**3700.0000 - 4200.0000 MHz**

36M0G7W

Page 152 of 200
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Winamac Headend
LOCATION: 867 E Old State Road 14, Pulaski, Winamac, IN
41° 3’ 14.00” N LAT. 86° 35’ 3.98” W LONG.

ANTENNA ID: Winamac He 4.5 meters

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital

Points of Communication:

Winamac Headend - PERMITTED LIST - ()
Winamac Headend - PERMITTED LIST - ()
Winamac Headend - PERMITTED LIST - ()
Winamac Headend - PERMITTED LIST - ()
Winamac Headend - PERMITTED LIST - ()
Winamac Headend - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: SITE1
LOCATION: 8212 West Hendricks Rd., US, Bloomington, IN
39° 9’ 33.30” N LAT. 86° 39’ 18.90” W LONG.

ANTENNA ID: ANT1 3.7 meters Channel Master Unknown

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital

Points of Communication:

SITE1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: Deer Valley Receive  
LOCATION: 1850 W Deer Valley Rd, Maricopa, PHOENIX, AZ  
33 ° 41' 6.30" N LAT. 112 ° 5' 50.20" W LONG.  
ANTENNA ID: DVDC1  3.7 meters  DH Satellite  3.7 M AzEl  
3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  QPSK DVB-S Video, Audio and Data  

Points of Communication:  
Deer Valley Receive - AMC 3 (S2162) - (72 W.L.)

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

SITE ID: studio  
LOCATION: 101 River View Road Unicoi, Unicoi, Erwin, TN  
36 ° 6' 58.00" N LAT. 82 ° 26' 48.50" W LONG.  
ANTENNA ID: ant1  4.5 meters  scientific atlanta  unknown  
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  analog audio with sub carriers  

Points of Communication:  
studio - PERMITTED LIST - ()

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

SITE ID: 1  
LOCATION: 319 Koa Street, Honolulu, Wahiawa, HI  
21 ° 30' 8.19" N LAT. 158 ° 1' 27.43" W LONG.  
ANTENNA ID: SS7  7 meters  ATCI  SS7  
ANTENNA ID: 7.3m  7 meters  Probecom  7.3m  
ANTENNA ID: 7.5TF  7 meters  Probecom  7.5TF  
3700.0000 - 4200.0000 MHz  

Points of Communication:  
1 - PERMITTED LIST - ()
### Radio Training Network Inc

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

**SITE ID:** WAFJ Studio  
**LOCATION:** 102 LaCompte Ave, Aiken, North Augusta, SC  
33°30'29.30" N LAT.  
81°57'41.90" W LONG.

**ANTENNA ID:** 12ftRec  
**Kaul-Tronics**  
**STI-12**

- **Frequencies:**
  - 3700.0000 - 4200.0000 MHz  
  - 36M0G7W  
  - 0.00 dBW  
  - Digital Audio and Data
  
  - 3700.0000 - 4200.0000 MHz  
  - 2M45G7W  
  - 0.00 dBW  
  - DVB-S Receive Digital Audio and Data
  
  - 3700.0000 - 4200.0000 MHz  
  - 30K0G7W  
  - 0.00 dBW  
  - Digital Audio and Data

**Points of Communication:**

WAFJ Studio - PERMITTED LIST - ()

### GREAT PLAINS TELEVISION, LLC

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

**SITE ID:** Greenwood  
**LOCATION:** 401 S Greenwood, Sedgwick, Wichita, KS  
37°40'50.87" N LAT.  
97°19'8.04" W LONG.

**ANTENNA ID:** Greenwood  
**Chaparral**  
**8115**

- **Frequencies:**
  - 3700.0000 - 4200.0000 MHz  
  - 100KG7W  
  - Digital Data, Audio and Video

**Points of Communication:**

Greenwood - GALAXY 19 (S2647) - (97 W.L.)

### HANCOCK COUNTY BROADCASTING, LLC

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

**SITE ID:** WCAZ RECEIVE  
**LOCATION:** 521 MAIN STREET, HANCOCK, CARTHAGE, IL  
40°24’50.00” N LAT.  
91°8’8.00” W LONG.

**ANTENNA ID:** WCAZ RECEI  
**UNKNOWN**  
**UNKNOWN**

- **Frequencies:**
  - 3700.0000 - 4200.0000 MHz  
  - 36M0G7W  
  - 0.00 dBW  
  - Digital Audio Services
Points of Communication:

WCAZ RECEIVE - PERMITTED LIST - ()

SES-REG-20181017-07073  E201675  COUNTRY CABLEVISION, INC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Old Headend
LOCATION: 545 Myers Ln, Yancey, Burnsville, NC
35 ° 56' 00" N LAT. 82 ° 18' 45.00" W LONG.

ANTEENNA ID: Dish 1 5 meters Prodelin UNKNOWN

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video with associated subcarriers

ANTENNA ID: Dish 2 4.5 meters Patriot King 4.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video with associated subcarriers

ANTENNA ID: Dish 3 3.7 meters Patriot 3.7m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video with associated subcarriers

Points of Communication:

Old Headend - PERMITTED LIST - ()

SES-REG-20181017-07074  E201676  COUNTRY CABLEVISION, INC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: New Headend
LOCATION: 120 Fair Haven Dr, Yancey, Burnsville, NC
35 ° 55' 3.00" N LAT. 82 ° 16' 3.00" W LONG.

ANTEENNA ID: Dish 1 4.5 meters Superior Satellite 8345

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog and Digital Video with associated subcarriers

Points of Communication:

New Headend - PERMITTED LIST - ()

SES-REG-20181017-07109  E201710  West Central Michigan Media Ministries
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WCMMM Cadillac
LOCATION: 7669 South 45th Road, Wexford, Cadillac, MI 44 ° 13 ’ 37.57 ” N LAT. 85 ° 22 ’ 28.62 ” W LONG.

ANTENNA ID: Chapporal 3.6 meters Chapporal 3.6

3700.0000 - 4200.0000 MHz 36M0GW 0.00 dBW Modulation and Audio and video services

Points of Communication:

WCMM Cadillac - INTELSAT 21 (S2863) - (58.0 W.L.)

SES–REG–20181017–07110 E201711 LifeTalk Radio, Inc.

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Silver Spring
LOCATION: 12501 Old Columbia Pike, Montgomery County, Silver Spring, MD 39 ° 3’ 37.40 ” N LAT. 76 ° 57 ’ 57.90 ” W LONG.

ANTENNA ID: LT1 3.7 meters DH Satellite 37DH4

3700.0000 - 4200.0000 MHz 36M0G7W Audio and Video

Points of Communication:

Silver Spring - PERMITTED LIST - ()

SES–REG–20181018–06855 E201474 Seward County Broadcasting Co., Inc.

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSCB Studio Site
LOCATION: 1410 N. Western Ave., Seward, Liberal, KS 37 ° 3’ 13.10 ” N LAT. 100 ° 56’ 29.00 ” W LONG.

ANTENNA ID: ANTC 3.7 meters Prodelin Series 1374

3700.0000 - 4200.0000 MHz 36M0G7W digital carriers

Points of Communication:

KSCB Studio Site - PERMITTED LIST - ()


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

SITE ID: Studio
LOCATION: 26101 S. Tamiami Trail, Lee, Bonita Springs, FL
26° 39' 7.00" N LAT. 81° 51' 21.30" W LONG.

ANTENNA ID: 1 3.7 meters DH 37DH448P
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video and Data

ANTENNA ID: 2 3.7 meters Andersen Andersen38
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Studio - PERMITTED LIST - ()

SES-REG-20181019-06111 E200801 Access Cable Television, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Whitley County 1
LOCATION: 1055 Hwy 90, Whitley, Corbin, KY
36° 50' 39.00" N LAT. 84° 14' 39.00" W LONG.

ANTENNA ID: Ant 4 3.8 meters ComTech ComTech
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

ANTENNA ID: Ant 3 5 meters Microdyne Microdyne
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

ANTENNA ID: Ant 2 3.8 meters Patriot Patriot
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

ANTENNA ID: Ant 1 3.7 meters Prodelin Prodelin
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:

Whitley County 1 - PERMITTED LIST - ()

SES-REG-20181019-06519 E201160 Lenrob Enterprises Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: WPAX Satellite Dish  
LOCATION: 117 Remington Avenue, Thomas, Thomasville, GA  
30 ° 50 ' 13.80 " N LAT. 83 ° 58 ' 44.18 " W LONG.  

<table>
<thead>
<tr>
<th>ANTELLA ID</th>
<th>3.8 meters</th>
<th>COMTECH</th>
<th>934D0015-G2</th>
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</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>Digital Audio</td>
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Points of Communication:

WPAX Satellite Dish - PERMITTED LIST - ()

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<thead>
<tr>
<th>SES-REG-20181019-07161</th>
<th>E201751</th>
<th>CITY OF WYANDOTTE DEPT. OF MUNICIPAL SERVICE</th>
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<tbody>
<tr>
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<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
<td></td>
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<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
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SITE ID: Wyandotte Cable  
LOCATION: 3005 Biddle Avenue, Wayne, Wyandotte, MI  
42 ° 12 ' 10.40 " N LAT. 83 ° 8 ' 56.30 " W LONG.  

<table>
<thead>
<tr>
<th>ANTELLA ID</th>
<th>5m</th>
<th>5 meters</th>
<th>Hughes</th>
<th>5 meter</th>
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<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36MDG7D</td>
<td>45.90 dBW</td>
<td>Video</td>
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SITE ID: Wyandotte Cable  
LOCATION: 3005 Biddle Avenue, Wayne, Wyandotte, MI  
42 ° 20 ' 28.00 " N LAT. 83 ° 14 ' 60.00 " W LONG.  

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<thead>
<tr>
<th>ANTELLA ID</th>
<th>5m</th>
<th>5 meters</th>
<th>Hughes</th>
<th>5 meter</th>
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</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36MDG7D</td>
<td>45.90 dBW</td>
<td>Video</td>
<td></td>
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Points of Communication:
<table>
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<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>SITE ID</th>
<th>LOCATION</th>
<th>ANTENNA ID</th>
<th>SIZE</th>
<th>Provider</th>
<th>Modulation and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wyandotte Cable</strong></td>
<td><strong>Fixed Earth Stations</strong></td>
<td><strong>Fixed Satellite Service</strong></td>
<td>Eccles Broadcast Cnt</td>
<td>101 South Wasatch Drive, Salt Lake, Salt Lake City, UT</td>
<td>Ant 1</td>
<td>4.5 meters</td>
<td>American Antennas, Inc</td>
<td>TVRO 4.5</td>
</tr>
</tbody>
</table>

**Points of Communication:**

- Eccles Broadcast Cnt - **PERMITTED LIST**

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<th>Registration</th>
<th>Class of Station</th>
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<th>ANTENNA ID</th>
<th>SIZE</th>
<th>Provider</th>
<th>Modulation and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Atlantic Broadband (Penn), LLC</strong></td>
<td><strong>Fixed Earth Stations</strong></td>
<td><strong>Fixed Satellite Service</strong></td>
<td>Bradford</td>
<td>3 Fernwood Drive, McKean, Bradford, PA</td>
<td>Site F</td>
<td>4.5 meters</td>
<td>American Antennas</td>
<td>TVRO 4.5</td>
</tr>
</tbody>
</table>

**Points of Communication:**

- Bradford - AMC-11(S2433) - (131 W.L.)
- Bradford - AMC-11(S2433) - (131 W.L.)
- Bradford - **PERMITTED LIST**
- Bradford - SES-1 (S2807) - (101.0 W.L.)
- Bradford - SES-11 (S2964) - (104.95 W.L.)

**Wyandotte Cable** | **PERMITTED LIST**

<table>
<thead>
<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
<th>SITE ID</th>
<th>LOCATION</th>
<th>ANTENNA ID</th>
<th>SIZE</th>
<th>Provider</th>
<th>Modulation and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Atlantic Broadband (Penn), LLC</strong></td>
<td><strong>Fixed Earth Stations</strong></td>
<td><strong>Fixed Satellite Service</strong></td>
<td>Bradford</td>
<td>3 Fernwood Drive, McKean, Bradford, PA</td>
<td>Site F</td>
<td>4.5 meters</td>
<td>American Antennas</td>
<td>TVRO 4.5</td>
</tr>
</tbody>
</table>

**Points of Communication:**

- Bradford - AMC-11(S2433) - (131 W.L.)
- Bradford - AMC-11(S2433) - (131 W.L.)
- Bradford - **PERMITTED LIST**
- Bradford - SES-1 (S2807) - (101.0 W.L.)
- Bradford - SES-11 (S2964) - (104.95 W.L.)
SITE ID: Davis
LOCATION: 581 7th Avenue, Tucker, Davis, WV
39 ° 7’ 56.64” N LAT. 79 ° 28’ 15.48” W LONG.

ANTENNA ID: Site H
4.5 meters American Antennas TVRO - 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Davis - AMC-11(S2433) - (131 W.L.)
Davis - PERMITTED LIST - ()
Davis - SES-1 (S2807) - (101.0 W.L.)
Davis - SES-11 (S2964) - (104.95 W.L)
Davis - SES-3 (S2892) - (103 W.L.)

SES-REG-20181022-05877 E E200567 Atlantic Broadband (Delmar), LLC Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Wye Mills
LOCATION: 162 Forman’s Landing Road, Queen Anne, Queenstown, MD
38 ° 57’ 32.00” N LAT. 76 ° 5’ 48.00” W LONG.

ANTENNA ID: Site D
4.5 meters American Antennas TVRO - 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Wye Mills - AMC-11(S2433) - (131 W.L.)
Wye Mills - SES-1 (S2807) - (101.0 W.L.)
Wye Mills - SES-11 (S2964) - (104.95 W.L)
Wye Mills - SES-3 (S2892) - (103 W.L.)

SES-REG-20181022-05878 E E200568 Atlantic Broadband (Penn), LLC Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Cumberland
LOCATION: 201 S.Mechanic Street, Allegheny, Cumberland, MD
39 ° 38’ 58.00” N LAT. 78 ° 45’ 41.00” W LONG.
ANTENNA ID: ANT 1 4.5 meters American Antennas TVRO - 4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Cumberland - GALAXY XV - (133 W.L.)
Cumberland - SES-1 (S2807) - (101.0 W.L.)
Cumberland - SES-11 (S2964) - (104.95 W.L)

SES–REG–20181022–05879 E E200569 Atlantic Broadband (Miami), LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Miami Beach
LOCATION: 1960 Normandy Drive, Dade, Miami Beach, FL
25 ° 51 ’ 7.00 ” N LAT. 80 ° 8 ’ 29.00 ” W LONG.

ANTENNA ID: ANT 1 4.5 meters American Antennas TVRO - 4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Miami Beach - AMC-11(S2433) - (131 W.L.)
Miami Beach - PERMITTED LIST - ()
Miami Beach - SES-1 (S2807) - (101.0 W.L.)
Miami Beach - SES-11 (S2964) - (104.95 W.L)
Miami Beach - SES-3 (S2892) - (103 W.L.)

SES–REG–20181022–05880 E E200570 Atlantic Broadband (Penn), LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Uniontown
LOCATION: 514 Old Pittsburg Rd, Fayette, Uniontown, PA
39 ° 56’ 16.00 ” N LAT. 79 ° 44 ’ 25.00 ” W LONG.

ANTENNA ID: ANT 1 4.5 meters American Antennas TVRO - 4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers
Points of Communication:

Uniontown - AMC-11(S2433) - (131 W.L.)

Uniontown - PERMITTED LIST - ()

Uniontown - SES-11 (S2964) - (104.95 W.L)

Uniontown - SES-3 (S2892) - (103 W.L.)

SES-REG-20181022-05881 E200571 Atlantic Broadband (Penn), LLC

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

SITE ID: Shippenville
LOCATION: 103 Oakwood Ln Rt 32, Clarion, Shippenville, PA
41 ° 14 ' 35.00 " N LAT. 79 ° 25 ' 35.99 " W LONG.

ANTENNA ID: ANT 1 4.54 meters American Antennas TVRO - 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Shippenville - AMC-11(S2433) - (131 W.L.)

Shippenville - PERMITTED LIST - ()

Shippenville - SES-1 (S2807) - (101.0 W.L.)

Shippenville - SES-11 (S2964) - (104.95 W.L)

Shippenville - SES-3 (S2892) - (103 W.L.)

SES-REG-20181022-05882 E200572 Atlantic Broadband (SC), LLC

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

SITE ID: Aiken
LOCATION: 3060 Cablevision Rd, Akin, Aiken, SC
33 ° 34 ' 25.00 " N LAT. 81 ° 44 ' 28.00 " W LONG.

ANTENNA ID: Ant ! 4.5 meters American Antennas TVRO - 4.5

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital Video with associated carriers

Points of Communication:

Aiken - AMC-11(S2433) - (131 W.L.)
Aiken - SES-1 (S2807) - (101.0 W.L.)
Aiken - SES-11 (S2964) - (104.95 W.L)

**SES–REG–20181022–06471** E201114 Kahi Corporation

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Kahi Studio

**LOCATION:** 985 Lincoln Way, Placer, Auburn, CA

38 ° 53' 53.70" N LAT. 121 ° 4' 18.10" W LONG.

**ANTENNA ID:** ES 1

3 meters

**LOCATION:** SAMI

**SM12**

3700.0000 - 4200.0000 MHz

10M0G7W

0.00 dBW

Digital traffic, various FEC, data rates and modulations

**Points of Communication:**

Kahi Studio - PERMITTED LIST - ()

**SES–REG–20181022–06932** E201547 KGVY, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 14662

**LOCATION:** 1510 W. Camino Antigua, Pima, Sahuarita, AZ

43 ° 38' 19.39" N LAT. 116 ° 14' 28.86" W LONG.

**ANTENNA ID:** Ant01

3.7 meters

**LOCATION:** Dawnco

**D37F48**

3700.0000 - 4200.0000 MHz

36M0G7W

0.00 dBW

Digital Audio & Data

**Points of Communication:**

14662 - PERMITTED LIST - ()


**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 106496

**LOCATION:** 4124 Texas Pky, Missouri City, TX

29 ° 34' 16.00" N LAT. 95 ° 30' 38.00" W LONG.

**ANTENNA ID:** ANT1

3.8 meters

**LOCATION:** General Dynamics

**1385**

3700.0000 - 4200.0000 MHz

0.00 dBW

Page 164 of 200
Points of Communication:

1064696 - PERMITTED LIST - ()


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

SITE ID: 73692
LOCATION: 3701 Fern Valley Road, Louisville, KY
38 ° 1 ' 59.00 " N LAT. 85 ° 45 ' 17.00 " W LONG.

ANTENNA ID: AN1 4 meters General Dynamics 1385
3700.0000 - 4200.0000 MHz

Points of Communication:

73692 - PERMITTED LIST - ()

**SES–REG–20181023–05811**  E200503  Florida Talk Radio, LLC

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

SITE ID: WSRQ
LOCATION: 3679 Webber St, Sarasota, Sarasota, FL
27 ° 18 ' 31.00 " N LAT. 82 ° 29 ' 46.00 " W LONG.

ANTENNA ID: AMC-8 3 meters Viking P300FAE
3700.0000 - 4200.0000 MHz W295srq audio

Points of Communication:

WSRQ - PERMITTED LIST - ()

**SES–REG–20181023–06483**  E201126  Suncoast Radio, Inc.

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

SITE ID: WZCC
LOCATION: 1899 SE Hwy 351, Dixie, Cross City, FL
29 ° 39 ' 33.50 " N LAT. 83 ° 7 ' 8.10 " W LONG.

ANTENNA ID: WZCC-1 3.05 meters Channel Master 3.05m RO
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital audio and video
Points of Communication:

WZCC - PERMITTED LIST - ()

SES–REG–20181023–06514 E201155 Kaplan Telephone Co Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellites Service

SITE ID: Kaplan

LOCATION: 118 Aurthur Bourgeois Rd 118 Aurthur Bourgeois Rd, Vermilion, Kaplan, LA

LAT.: 29 ° 59 ' 18.10 " N

LONG.: 92 ° 16 ' 56.20 " W

ANTENNA ID: SS5

3700.0000 - 4200.0000 MHz 0.00 dBW

Points of Communication:

Kaplan - AMC 10 (S2432) - (135 W.L.)

Kaplan - AMC-11(S2433) - (131 W.L.)

Kaplan - GALAXY 13 (S2386) - (127 W.L.)

Kaplan - GALAXY 14 (S2385) - (125 W.L.)

Kaplan - GALAXY 15 (S2387) - (133.1)

Kaplan - GALAXY 16 (S2687) - (99 W.L.)

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

Kaplan - GALAXY 18 (S2733) - (123 W.L.)

Kaplan - GALAXY 23 (S2592) - (121 W.L.)

Kaplan - GALAXY 28 (S2160) - (89.0 W.L.)

Kaplan - SES-1 (S2807) - (101.0 W.L.)

Kaplan - SES-11 (S2964) - (104.95 W.L)

Kaplan - SES-3 (S2892) - (103 W.L.)


Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WTVO Studio2

LOCATION: 1917 N Meridian Road, Winnebago, Rockford, IL

LAT.: 42 ° 17 ' 13.48 " N

LONG.: 89 ° 10 ' 17.06 " W

Page 166 of 200
<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>Dish 5</th>
<th>5 meters</th>
<th>USSAT</th>
<th>50TVRO</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
<td>0.00 dBW</td>
<td>PSK, Digital video with assoc. digital audio/data</td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

**WTVO Studio2 - PERMITTED LIST - ()**

**SES–REG–20181023–07177**  E  E201768  SM-WJMZ, LLC

- **Registration**
- **Class of Station:** Fixed Earth Stations
- **Nature of Service:** Fixed Satellite Service

**SITE ID:** Greenville
**LOCATION:** 220 North Main St Ste 402, Greenville, Greenville, SC
34 ° 51 ' 11.47 " N LAT.  82 ° 23 ' 49.27 " W LONG.

**ANTENNA ID:** ant3.7  3.7 meters  TDBant3.7  ant3.7
| 3700.0000 - 4200.0000 MHz | 36M0G7D | digital |

**Points of Communication:**

- Greenville - AMC-18 (S2713) - (139 WL)
- Greenville - SES-11 (S2964) - (104.95 W.L)

**SES–REG–20181023–07180**  E  E201773  Eads Broadcasting Corporation

- **Registration**
- **Class of Station:** Fixed Earth Stations
- **Nature of Service:** Fixed Satellite Service

**SITE ID:** KGAL KSHO
**LOCATION:** 36991 KGAL Drive, Linn, Lebanon, OR
44 ° 34 ' 22.00 " N LAT.  122 ° 55 ' 12.00 " W LONG.

**ANTENNA ID:** SOLID_12.5  3.81 meters  Unknown  Unknown
| 3700.0000 - 4200.0000 MHz | 15M0G7W | 0.00 dBW |

**Points of Communication:**

- KGAL KSHO - PERMITTED LIST - ()

**SES–REG–20181024–06478**  E  E201121  Bluewater Broadcasting Company, LLC

- **Registration**
- **Class of Station:** Fixed Earth Stations
- **Nature of Service:** Fixed Satellite Service
SITE ID: Studio site
LOCATION: 4101 Wall Street, Montgomery, Montgomery, AL
32 ° 21 ' 36.78 " N LAT. 86 ° 14 ' 4.51 " W LONG.

ANTENNA ID: ANT1 3.15 meters Prodeline 3.0
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video

Points of Communication:

Studio site - PERMITTED LIST - ()

Studio site - SES-1 (S2807) - (101.0 W.L.)

SES–REG–20181024–06979 E201598 AccuWeather, Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: AW-ICT
LOCATION: 100 Broadway, Sedgwick, Wichita, KS
37 ° 41 ' 12.11 " N LAT. 97 ° 20 ' 5.77 " W LONG.

ANTENNA ID: NP2 4 meters Unknown Unknown
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW NOAAPort data

Points of Communication:

AW-ICT - GALAXY 28 (S2160) - (89.0 W.L.)

SES–REG–20181024–07134 E201723 Algona Municipal Utilities
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: AMU C-Band
LOCATION: 12 East North Street, Kossuth, Algona, IA
43 ° 4 ' 13.58 " N LAT. 94 ° 14 ' 13.92 " W LONG.

ANTENNA ID: AMU1 ATCi Simulsat 5
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Video

ANTENNA ID: AMU2 3.7 meters Prodelin 1374-020
3700.0000 - 4200.0000 MHz 36M0G7W Video

Points of Communication:

AMU C-Band - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: 16680 S Soangler Rd, Clackamas, Beavercreek, OR
45 ° 15' 52.67" N LAT. 122 ° 31' 29.00" W LONG.
ANTENNA ID: unknown
3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:
1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: KAFF Studio
LOCATION: 1117 W. Route 66, USA, Flagstaff, AZ
35 ° 11' 20.73" N LAT. 111 ° 39' 54.81" W LONG.
ANTENNA ID: WW-1 4.5 meters Scientific Atlanta
3700.0000 - 4200.0000 MHz 36MOG7W Digital Audio

Points of Communication:
KAFF Studio - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: Site 1
LOCATION: 4013 Byrnes Street, Berkeley, St. Stephen, SC
33 ° 24' 36.50" N LAT. 79 ° 55' 49.80" W LONG.
ANTENNA ID: ANTI 3.8 meters AFC
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers

Points of Communication:
Site 1 - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Spokane
LOCATION: 7 South Howard, Spokane, Spokane, WA

47°39'24.20"N LAT. 117°25'14.70"W LONG.

ANTENNA ID: 1 2.8 meters Scientific Atlanta 2.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital

Points of Communication:

Spokane - PERMITTED LIST - ()

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

SITE ID: Studio Site
LOCATION: 6501 Highway 88, Franklin, Washington, MO

38°28'54.04"N LAT. 91°2'40.29"W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1375

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW

Points of Communication:

Studio Site - PERMITTED LIST - ()

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

SITE ID: KVRH studio
LOCATION: 7600 County Road 120, Chaffee, Salida, CO

38°31'57.70"N LAT. 106°0'58.10"W LONG.

ANTENNA ID: SES-11 3.8 meters Comtech 3.8

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Broadcast audio programming

Points of Communication:

KVRH studio - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Tualatin
LOCATION: 18925 SW 84th Ave, Washington, Tualatin, OR
45° 22’ 59.50” N LAT. 122° 45’ 47.60” W LONG.

ANTENNA ID: 1
3 meters Cosmos 3 Meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital

Points of Communication:

Tualatin - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Phoenix
LOCATION: 4625 S. 33rd Pl., MARICOPA, Phoenix, AZ
33° 24’ 14.90” N LAT. 112° 0’ 34.00” W LONG.

ANTENNA ID: KTAZ-1
3.7 meters DH Satellite 3.7 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

ANTENNA ID: KTAZ-2
3.1 meters Patriot 3.1 meter
3700.0000 - 4200.0000 MHz 36M0G7W Digital video, audio and data on phase modulated carriers

Points of Communication:

Phoenix - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Main
LOCATION: 210 East 400 South, Salt Lake, Salt Lake City, UT
40° 45’ 32.21” N LAT. 111° 53’ 1.05” W LONG.

ANTENNA ID: Main 3.8 meters Comtech 3.8 El/Az

Page 171 of 200
Points of Communication:

Main - PERMITTED LIST - ()

**SES-REG-20181026-06912**

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: WRBN Satellite Dish
LOCATION: 745 North Main Street, Rabun, Clayton, GA
34°53′16.00″ N LAT. 83°23′49.00″ W LONG.

ANTENNA ID: ANTI 3.8 meters COMTECH 3.8 EL/AZ

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

WRBN Satellite Dish - PERMITTED LIST - ()

**SES-REG-20181026-06916**

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Taylor Bldg
LOCATION: 525 S. Center Street, Madison, Rexburg, ID
43°48′59.80″ N LAT. 111°46′56.50″ W LONG.

ANTENNA ID: 1 3 meters Unknown 3 Meter

3700.0000 - 4200.0000 MHz 36M0G7D Digital Audio and Data

Points of Communication:

Taylor Bldg - PERMITTED LIST - ()

**SES-REG-20181026-07191**

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Newport Studios
LOCATION: 377 Graham Street, Cocke, Newport, TN
35°58′1.00″ N LAT. 83°12′15.00″ W LONG.

ANTENNA ID: Ant 1 4.5 meters AMERICAN ANTENNAS, INC TVRO-4.5
Points of Communication:

Newport Studios - PERMITTED LIST - ()

SES-REG-20181027-07196  E201789  Bridger Cable TV
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Bridger Receive Site
LOCATION: 205 South C Street, Carbon, Bridger, MT
45°17'39.82" N LAT. 108°54'39.38" W LONG.

ANTENNA ID: 1 4.5 meters  Scientific Atlanta  SA 4.5 RO
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital video, analog video and associated carriers

ANTENNA ID: 2 3.7 meters  Patriot  TVRO 3.8
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital video, analog video and associated carriers

Points of Communication:

Bridger Receive Site - PERMITTED LIST - ()

SES-REG-20181029-05266  E191638  Progressive Broadcasting, Inc.
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 200 Magnolia Drive, Bucks, Levittown, PA
40°10'9.00" N LAT. 74°50'6.00" W LONG.

ANTENNA ID: 1 3.8 meters  Prodelin  3.8
3700.0000 - 4200.0000 MHz  36MOG7W  Digital audio services

Points of Communication:

1 - SES-11 (S2964) - (104.95 W.L)

SES-REG-20181029-07216  E201809  Texas A&M University
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: KAMU
LOCATION: 4244 TAMU, College Station, TX
30° 36' 29.00" N LAT. 96° 20' 15.00" W LONG.

ANTENNA ID: 3.8M 3.8 meters Comtech 3.8 METER PF
3700.0000 - 4200.0000 MHz 36M0G7W
Digital / analog traffic, various FEC, data rates and modulation
3700.0000 - 4200.0000 MHz 30K0G7W
Digital / analog traffic, various FEC, data rates and modulation

Points of Communication:

KAMU - PERMITTED LIST - ()

SES–REG–20181029–07223 E201816 City of San Bruno
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: San Bruno Headend
LOCATION: 140 Arbor Court, San Mateo, San Bruno, CA
37° 37' 39.00" N LAT. 122° 26' 50.00" W LONG.

ANTENNA ID: ANT1 4.5 meters Patriot UNKNOWN
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT2 4.5 meters Patriot UNKNOWN
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT3 4.5 meters American Antennas UNKNOWN
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT4 4.5 meters SSE Unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT5 3.8 meters Patriot TRVO 3.8
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT6 4.5 meters SES UNKNOWN
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
ANTENNA ID: ANT7 4.5 meters ACTI 5b
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Digital Video
Points of Communication:

San Bruno Headend - PERMITTED LIST - ()

SES–REG–20181030–05777  E200469  Engle Broadcasting, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Pine Lane
LOCATION: 8 Pine Lane, Atlantic, Folsom, NJ
39 ° 36 ' 9.00 " N LAT.  74 ° 52 ' 13.00 " W LONG.

ANTENNA ID: Pine Lane  3.56 meters  Orbitron  SX-12

3700.0000 - 4200.0000 MHz  36M0G7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  30K0G7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  100KG7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  500KG7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  850KG7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  1M00G7W  Video with associated subcarriers
3700.0000 - 4200.0000 MHz  10M0G7W  Video with associated subcarriers

Points of Communication:

Pine Lane - PERMITTED LIST - ()

SES–REG–20181030–06468  E201111  CULVER COMMUNICATIONS CORP.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WLVL Radio
LOCATION: 320 Michigan Street, Niagara, Lockport, NY
43 ° 10 ' 31.00 " N LAT.  78 ° 42 ' 37.00 " W LONG.

ANTENNA ID: 54.9  3.9624 meters  Comtech  Norstat 3420

3700.0000 - 4200.0000 MHz  500KG7W
<table>
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<th>Registration</th>
<th>E201221</th>
<th>Franklin Radio Associates, Inc.</th>
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<tr>
<td><strong>Class of Station:</strong></td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td><strong>Nature of Service:</strong></td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

**SITE ID:** SITE 1  
**LOCATION:** 1333 West Main St., Williamson, Franklin, TN  
35° 54’ 50.22” N LAT.  
6° 53’ 5.17” W LONG.  

**ANTENNA ID:** ANT 1  
**ANT** 3.7 meters  
DawnCo  
**D** 37F48-4PC5.5  

**3700.0000 - 4200.0000 MHz**  
30K0F1D  
Digital audio carrier  

**Points of Communication:**

SITE 1 - PERMITTED LIST - ()

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<table>
<thead>
<tr>
<th>Registration</th>
<th>E201227</th>
<th>Radioactive, LLC</th>
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<tbody>
<tr>
<td><strong>Class of Station:</strong></td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td><strong>Nature of Service:</strong></td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

**SITE ID:** Site 1  
**LOCATION:** 1120 E Walnut St, Iroquois, Watseka, IL  

**ANTENNA ID:** WIQI  
**ANT** 3 meters  
Harris  
**T** TVRO  

**3700.0000 - 4200.0000 MHz**  
36M0G7W  
Audio  

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

---

<table>
<thead>
<tr>
<th>Registration</th>
<th>E201442</th>
<th>CCR-Montrose IV, LLC</th>
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</thead>
<tbody>
<tr>
<td><strong>Class of Station:</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Nature of Service:</strong></td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
</tbody>
</table>

**OK for AFFPN**

**SITE ID:** MT-SAT-1  
**LOCATION:** 106 Rose Lane, Colorado, Montrose, CO  
38° 29’ 13.67” N LAT.  
107° 51’ 35.59” W LONG.  

**ANTENNA ID:** MT-SAT-1  
**ANT** 3.7 meters  
Miralite  
**3** 370  

**3700.0000 - 4200.0000 MHz**  
36M0G7W  
Digital Audio and Video  

**Points of Communication:**
MT-SAT-1 - PERMITTED LIST - ()

**SES REG 20181030 06827**  E201445  CCR-Sierra Vista IV, LLC
Registration

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

SITE ID: Sierra Vista, AZ
LOCATION: 2300 Busby Drive, Cochise, Sierra Vista, AZ
31° 32' 48.06" N LAT.  110° 16' 29.52" W LONG.

ANTENNA ID: SV-SAT-1  3 meters  Comtech  3.0

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video

Points of Communication:

Sierra Vista, AZ - PERMITTED LIST - ()

**SES REG 20181030 06829**  E201447  CCR-St. George IV, LLC
Registration

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

SITE ID: SG-SAT-1
LOCATION: 750 Ridgeview Suite 201, Washington, St George, UT
37° 7' 10.16" N LAT.  113° 35' 56.04" W LONG.

ANTENNA ID: SG-SAT-1.1  4.5 meters  Scientific Atlantic  4.5

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video

ANTENNA ID: SG-SAT-1.2  3 meters  Scientific Atlantic  9000

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video

Points of Communication:

SG-SAT-1 - PERMITTED LIST - ()

**SES REG 20181030 06830**  E201448  CCR-Tri Cities IV, LLC
Registration

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

SITE ID: TC-SAT-1
LOCATION: 2823 W Lewis St, Franklin, Pasco, WA
46° 13' 59.46" N LAT.  119° 7' 45.24" W LONG.

ANTENNA ID: TC-SAT-1  2.8 meters  Scientific Atlantic  9000

Page 177 of 200
Points of Communication:

TC-SAT-1 - PERMITTED LIST - ()

**SES-REG-20181030-06832**  E  E201450  CCR-Williston IV, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  WL-SAT-1
LOCATION:  410 6th Street East, Williams, Williston, ND
48 ° 8 ’ 58.96 ” N LAT.  103 ° 36 ’ 54.41 ” W LONG.

ANTENNA ID:  WL-SAT-1  2.8 meters  Scientific Atlantic  9000

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video

Points of Communication:

WL-SAT-1 - PERMITTED LIST - ()

**SES-REG-20181030-06936**  E  E201551  CCR-Missoula IV, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  Missoula, MT
LOCATION:  1600 North Avenue West, Missoula, Missoula, MT
46 ° 51 ’ 10.21 ” N LAT.  114 ° 1 ’ 16.26 ” W LONG.

ANTENNA ID:  MS-SAT-1  3.4 meters  General Dynamics  AZ/EI

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video

Points of Communication:

Missoula, MT - PERMITTED LIST - ()

**SES-REG-20181030-07227**  E  E201820  Stephen W Staples, Jr ( d/b/a WFLW-WKYM )
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  Site 1
LOCATION:  150 Worsham Lane, Wayne, Monticello, KY
36 ° 50 ’ 13.42 ” N LAT.  84 ° 51 ’ 49.60 ” W LONG.

ANTENNA ID:  Ant 1  3.3 meters  AFC  PR12
<table>
<thead>
<tr>
<th>Points of Communication:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SITE ID:</strong></td>
<td>Station Rx</td>
</tr>
<tr>
<td><strong>LOCATION:</strong></td>
<td>1437 Helena Ave, Lewis and Clark, Helena, MT</td>
</tr>
<tr>
<td><strong>LAT.</strong></td>
<td>46° 35′ 58.40″ N</td>
</tr>
<tr>
<td><strong>LONG.</strong></td>
<td>112° 0′ 54.80″ W</td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td>ANT 1, 3 meters, Winegard TVRO 10</td>
</tr>
<tr>
<td><strong>FREQUENCY:</strong></td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td><strong>POWER:</strong></td>
<td>0.00 dBW</td>
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<tr>
<td><strong>SERVICE:</strong></td>
<td>Digital Audio</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Points of Communication:</th>
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<tbody>
<tr>
<td><strong>SITE ID:</strong></td>
<td>Starkville Studio</td>
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<tr>
<td><strong>LOCATION:</strong></td>
<td>608 Yellow Jacket Drive 33, Oktibbeha, Starkville, MS</td>
</tr>
<tr>
<td><strong>LAT.</strong></td>
<td>33° 27′ 8.15″ N</td>
</tr>
<tr>
<td><strong>LONG.</strong></td>
<td>88° 49′ 12.42″ W</td>
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<tr>
<td><strong>ANTENNA ID:</strong></td>
<td>Dish1, 3.7 meters, Prodelin 1374-990</td>
</tr>
<tr>
<td><strong>FREQUENCY:</strong></td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td><strong>POWER:</strong></td>
<td>0.00 dBW</td>
</tr>
<tr>
<td><strong>SERVICE:</strong></td>
<td>Digital Video &amp; Audio</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Points of Communication:</th>
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<tbody>
<tr>
<td><strong>SITE ID:</strong></td>
<td>Site 1</td>
</tr>
<tr>
<td><strong>LOCATION:</strong></td>
<td>2717 Yellowstone Rd., Sweetwater, Rock Springs, WY</td>
</tr>
<tr>
<td><strong>LAT.</strong></td>
<td>41° 37′ 37.00″ N</td>
</tr>
<tr>
<td><strong>LONG.</strong></td>
<td>109° 14′ 29.00″ W</td>
</tr>
</tbody>
</table>
ANTENNA ID: ANTI 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Audio and associated subcarriers

ANTENNA ID: ANT2 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Audio and associated subcarriers

Points of Communication:

Site 1 - PERMITTED LIST - ()

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

SITE ID: Ant-1
LOCATION: 6305 SR 46, U.S.A., Mims, FL
28° 39' 49.60" N LAT. 80° 55' 15.60" W LONG.

ANTENNA ID: Ant 1 3.7 meters AFS unknown
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation Services Digital Video & Audio

Points of Communication:

Ant-1 - PERMITTED LIST - ()

SES–REG–20181030–07249 E201843 Engle Broadcasting, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: West Beach
LOCATION: 106 West Beach Rd, Atlantic, Williamstown, NJ
39° 35' 53.00" N LAT. 74° 53' 2.00" W LONG.

ANTENNA ID: West Beach 3.56 meters Orbitron SX-12
3700.0000 - 4200.0000 MHz 36M0G7W Video with associated subcarriers
3700.0000 - 4200.0000 MHz 30K0G7W Video with associated subcarriers
3700.0000 - 4200.0000 MHz 100KG7W Video with associated subcarriers
3700.0000 - 4200.0000 MHz 500KG7W Video with associated subcarriers
3700.0000 - 4200.0000 MHz 850KG7W Video with associated subcarriers
Video with associated subcarriers

3700.0000 - 4200.0000 MHz     1M00G7W
Video with associated subcarriers

3700.0000 - 4200.0000 MHz     10M00G7W

Points of Communication:

West Beach - PERMITTED LIST - ()

SES-REG-20181031-04820    E191191    Davis Communications Inc
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 014486
LOCATION: 8318 S Craig Rd Four Lakes, WA, Spokane, Cheney, WA
47 ° 34 ' 39.33 " N LAT.
117 ° 36 ' 29.12 " W LONG.

ANTENNA ID: 3 3.1 meters    COMTECH
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 1 3.1 meters    COMTECH
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 2 3.7 meters    PATRIOT
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 4 5 meters    S/A
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 5 5 meters    S/A
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 6 3.7 meters    PATRIOT
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

ANTENNA ID: 7 3.1 meters    PATRIOT
3700.0000 - 4200.0000 MHz     36M0G7W    Digital video/TV

Points of Communication:

014486 - PERMITTED LIST - ()

SES-REG-20181031-06663    E201281    Winstar Odessa, Inc.
Registration
Class of Station: Fixed Earth Stations
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<tr>
<td>LOCATION:</td>
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<tr>
<td>ANTEENA ID: Ant1</td>
<td>3.8 meters</td>
</tr>
<tr>
<td>LOCATION: Patriot</td>
<td>3.8m</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30MG7W</td>
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<tr>
<td>Points of Communication:</td>
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<tr>
<td>HBG Studio - PERMITTED LIST - ()</td>
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<tr>
<td>SES–REG–20181031–06903</td>
<td>E201518 Horizon Broadcasting Group LLC</td>
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<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
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<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<tr>
<td>SITE ID:</td>
<td>HBG Studio</td>
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<tr>
<td>LOCATION:</td>
<td>854 NE 4th Street, Deschutes, Bend, OR</td>
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<tr>
<td>ANTENNA ID: Ant1</td>
<td>3.8 meters</td>
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<tr>
<td>LOCATION: Comtech</td>
<td>Viking 1374-990</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
</tr>
<tr>
<td>Points of Communication:</td>
<td></td>
</tr>
<tr>
<td>HBG Studio - PERMITTED LIST - ()</td>
<td></td>
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<tr>
<td>SES–REG–20181031–06925</td>
<td>E201540 Howard University</td>
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<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<td>SITE ID:</td>
<td>WHUR-1</td>
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<td>LOCATION:</td>
<td>529 Bryant Street 20059, DC, Washington, DC</td>
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<td>ANTENNA ID: WHUR-1</td>
<td>4 meters</td>
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<td>LOCATION: Scientific Atlantic</td>
<td>9000</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<td>Points of Communication:</td>
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<td>WHUR-1 - PERMITTED LIST - ()</td>
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<tr>
<td>SES–REG–20181031–06950</td>
<td>E201566 Channel 49 Acquisition Corporation</td>
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<tr>
<td>Class of Station:</td>
<td>Fixed Earth Stations</td>
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</tbody>
</table>

Page 182 of 200
Nature of Service: Fixed Satellite Service

SITE ID: KTEN-TV
LOCATION: 10 High Point Cir, Grayson, Denison, TX
33° 45' 55.30" N LAT. 96° 35' 23.30" W LONG.

ANTENNA ID: 1 4.5 meters Andrew ES45MPJ-1
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

ANTENNA ID: 3 3 meters Viking VS-300DA-2C
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

ANTENNA ID: 4 4.5 meters Patriot 4.5m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

ANTENNA ID: 7 3.8 meters Patriot PRT380
3700.0000 - 4200.0000 MHz 36M0G7W
DIGITAL VIDEO CARRIER

ANTENNA ID: 9 4.5 meters EASI EASI4.5m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

Points of Communication:

KTEN-TV - PERMITTED LIST - ()

SES−REG−20181031−06974  E201592  Knoxville TV, LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KAKE-TV
LOCATION: 1500 N. West Street, Sedgwick, Wichita, KS
37° 42' 40.00" N LAT. 97° 23' 18.00" W LONG.

ANTENNA ID: 1 7.3 meters Andrew ESA73-46
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

ANTENNA ID: 2 4.5 meters Andrew ESA45-46
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER

ANTENNA ID: 3 3.8 meters Comtech 3.8m
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW
DIGITAL VIDEO CARRIER
<table>
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<tr>
<th>ANTENNA ID</th>
<th>Antenna Size</th>
<th>Location</th>
<th>ID</th>
<th>Carrier Frequency</th>
<th>Power</th>
<th>Service Description</th>
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<tbody>
<tr>
<td>4</td>
<td>3.1 meters</td>
<td>Patriot</td>
<td>PRT-310</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>DIGITAL VIDEO CARRIER</td>
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<tr>
<td>5</td>
<td>4.2 meters</td>
<td>DH Satellite</td>
<td>42DH1</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>DIGITAL VIDEO CARRIER</td>
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<tr>
<td>6</td>
<td>3.7 meters</td>
<td>DH Satellite</td>
<td>3.7</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>DIGITAL VIDEO CARRIER</td>
</tr>
</tbody>
</table>

### Points of Communication:

**KAKE-TV** - PERMITTED LIST - ()

**REGISTRATION**

**SES-REG-20181031-06999**

- **E201605**

- **Breckinridge Broadcasting Co., Inc.**

**CLASS OF STATION**: Fixed Earth Stations

**NATURE OF SERVICE**: Fixed Satellite Service

**SITE ID**: Studio

**LOCATION**: 110 South Main Street, Breckinridge, Hardinsburg, KY

37 ° 46 ’ 55.40 ” N LAT.

86 ° 27 ’ 42.80 ” W LONG.

**ANTENNA ID**: Sat-1

3.8 meters

**Patriot**

N/A

**3700.0000 - 4200.0000 MHz**

**100KG7W**

Digital Data and Audio Services

**Points of Communication:**

- Studio - PERMITTED LIST - ()

**REGISTRATION**

**SES-REG-20181031-07129**

- **E201718**

- **Richard A Linn**

**CLASS OF STATION**: Fixed Earth Stations

**NATURE OF SERVICE**: Fixed Satellite Service

**SITE ID**: Studio Lot

**LOCATION**: 131 NE 15th Street, Lincoln, Newport, OR

44 ° 38 ’ 54.48 ” N LAT.

124 ° 3 ’ 7.81 ” W LONG.

**ANTENNA ID**: Site1

3 meters

**Channel Master**

10ft

**3700.0000 - 4200.0000 MHz**

**36M0G7W**

QPSK modulation, digital audio and video data

**Points of Communication:**

- Studio Lot - PERMITTED LIST - ()
<table>
<thead>
<tr>
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<th>E201726</th>
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<tbody>
<tr>
<td>Class of Station:</td>
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<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<tr>
<td>SITE ID:</td>
<td>Hope Ch Downlink</td>
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<tr>
<td>LOCATION:</td>
<td>12501 Old Columbia Pike, Montgomery County, Silver Spring, MD</td>
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<tr>
<td>LAT.</td>
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<td>LONG.</td>
<td>76° 57' 57.60&quot; W</td>
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<td>Power</td>
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<tr>
<td>Service Type</td>
<td>Digital Video &amp; Audio</td>
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</tr>
<tr>
<td>Points of Communication:</td>
<td>Hope Ch Downlink - PERMITTED LIST - ()</td>
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<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<tr>
<td>SITE ID:</td>
<td>KMIL-FM Studio</td>
<td></td>
</tr>
<tr>
<td>LOCATION:</td>
<td>901 East 1st Street, Milam, Cameron, TX</td>
<td></td>
</tr>
<tr>
<td>LAT.</td>
<td>30° 50' 53.55&quot; N</td>
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<tr>
<td>LONG.</td>
<td>96° 58' 9.19&quot; W</td>
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<tr>
<td>ID</td>
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<tr>
<td>Frequencies:</td>
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<tr>
<td>Power</td>
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<tr>
<td>Service Type</td>
<td>Digital &amp; Analog Audio &amp; Video</td>
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<tr>
<td>Points of Communication:</td>
<td>KMIL-FM Studio - PERMITTED LIST - ()</td>
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<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
<tr>
<td>SITE ID:</td>
<td>KAND-AM Studios</td>
<td></td>
</tr>
<tr>
<td>LOCATION:</td>
<td>701 South Main Street Suite 1340, Navarro, Corsicana, TX</td>
<td></td>
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<tr>
<td>LAT.</td>
<td>32° 5' 15.72&quot; N</td>
<td></td>
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<tr>
<td>LONG.</td>
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<td>Power</td>
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<td>Frequencies:</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>500MV9W</td>
<td></td>
</tr>
<tr>
<td>Service Type</td>
<td>Digital &amp; Analog Audio &amp; Video</td>
<td></td>
</tr>
</tbody>
</table>
Points of Communication:

KAND-AM Studios - PERMITTED LIST - ()

**SES–REG–20181031–07265**  E201859  Southern Gospetality, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** WXAN Radio

**LOCATION:** 9077 Ava Road, USA, Ava, IL

37 ° 51' 20.48" N LAT. 89 ° 28' 6.83" W LONG.

**ANTENNA ID:** ANT1 4.5 meters  Patriot 4.5m

3700.0000 - 4200.0000 MHz  36M0F8F  0.00 dBW  Digital Audio

Points of Communication:

WXAN Radio - PERMITTED LIST - ()

**SES–REG–20181031–07278**  E201872  commZoom Assets, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** HondoHE

**LOCATION:** 2701 Ave E, Medina, Hondo, TX

29 ° 20' 25.06" N LAT.  99 ° 7' 58.57" W LONG.

**ANTENNA ID:** ANT1 1.8 meters  Patriot  man-cku-1.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

**ANTENNA ID:** ANT2 1.8 meters  Comtech  180

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

**ANTENNA ID:** ANT3 1.8 meters  Patriot  man-cku-1.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

**ANTENNA ID:** ANT4 1.8 meters  Comtech  180

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

**ANTENNA ID:** ANT5 3 meters  MSC  3m

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

**ANTENNA ID:** ANT6 1.8 meters  Comtech  180
<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LATITUDE</th>
<th>LONGITUDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSSU TV Site</td>
<td>3950 E Newman Road, Jasper, Joplin, MO</td>
<td>37° 5' 50.00&quot; N</td>
<td>94° 27' 33.00&quot; W</td>
</tr>
<tr>
<td>Headend</td>
<td>631 Adams St, Huntington, Warren, IN</td>
<td>40° 40' 50.00&quot; N</td>
<td>85° 25' 4.00&quot; W</td>
</tr>
</tbody>
</table>

**Points of Communication:**

<table>
<thead>
<tr>
<th>Class of Station:</th>
<th>Fixed Earth Stations</th>
<th>Fixed Satellite Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SITE ID:</td>
<td>MSSU TV Site</td>
<td>WARREN CABLE INC</td>
</tr>
<tr>
<td>LOCATION:</td>
<td>3950 E Newman Road, Jasper, Joplin, MO</td>
<td>631 Adams St, Huntington, Warren, IN</td>
</tr>
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</table>

**ANTENNA ID:**

<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>DESCRIPTION</th>
<th>HEIGHT</th>
<th>POWER LEVEL</th>
<th>SERVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVAntenna1</td>
<td>5 meters</td>
<td>Unknown</td>
<td>0.00 dBW</td>
<td>Analog Video with associated subcarriers</td>
</tr>
<tr>
<td>TVAntenna2</td>
<td>3.7 meters</td>
<td>Unknown</td>
<td>0.00 dBW</td>
<td>Analog Video with associated subcarriers</td>
</tr>
<tr>
<td>G7</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>0.00 dBW</td>
<td>Digital</td>
</tr>
<tr>
<td>SES</td>
<td>3.7 meters</td>
<td>Superior Satellite Engineers</td>
<td>MBF</td>
<td></td>
</tr>
<tr>
<td>4.5</td>
<td>4.5 meters</td>
<td>ScientificAtlanta</td>
<td>8346</td>
<td></td>
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<tr>
<td>4.5</td>
<td>4.5 meters</td>
<td>ScientificAtlanta</td>
<td>8345</td>
<td></td>
</tr>
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Points of Communication:

Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()
Headend - PERMITTED LIST - ()

SES–REG–20181031–07304  E201899  commZoom Assets, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: LaVerniaHE
LOCATION: 4013 CR 342, Wilson, La Vernia, TX
29 ° 21 ' 11.00 " N LAT. 98 ° 6 ' 30.00 " W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

ANTENNA ID: ANT2 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

ANTENNA ID: ANT3 5.6 meters GCC 5.6
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

Points of Communication:

LaVerniaHE - PERMITTED LIST - ()

SES–REG–20181031–07306  E201901  commZoom Assets, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: ComfortHE  
LOCATION: 308 East St., Kendall, Comfort, TX  
29° 58' 39.00" N LAT.  98° 54' 23.00" W LONG.

ANTENNA ID: ANTI  3.8 meters  Patriot  3.8  
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANTI  3.8 meters  Comtech  3.8  
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANT3  5.6 meters  GCC  5.6  
3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

Points of Communication:

ComfortHE - PERMITTED LIST - ()

SES–REG–20181031–07307  E201902  Grady W Turner (d/b/a WKHC)
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WZTR  
LOCATION: 1376 Ben Higgins Rd, Lumpkin, Dahlonega, GA  
34° 30' 16.50" N LAT.  84° 2' 38.10" W LONG.

ANTENNA ID: WZTR  3.8 meters  Comtech  3.8m El/Az  
3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Audio

Points of Communication:

WZTR - PERMITTED LIST - ()

SES–REG–20181031–07308  E201903  Southern Wabash Communications of Middle Tennessee, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Site 1  
LOCATION: 100 Main Street, Sumner, Portland, TN  
36° 34' 49.00" N LAT.  86° 30' 56.00" W LONG.

ANTENNA ID: ANTI  4.5 meters  
3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital

Points of Communication:
<table>
<thead>
<tr>
<th>Site ID</th>
<th>Location</th>
<th>LAT</th>
<th>LONG</th>
<th>Antenna ID</th>
<th>Antenna ID ID</th>
<th>Frequency</th>
<th>Power</th>
<th>Modulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td>810 Dominican Drive, Davidson, TN</td>
<td>36° 11' 17.00&quot; N</td>
<td>86° 48' 7.00&quot; W</td>
<td>ANT-1</td>
<td>0.00 dBW</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>Digital</td>
<td>30M0G7W</td>
</tr>
<tr>
<td>SITE1</td>
<td>1115 West Rudisill Boulevard, Allen, Fort Wayne, IN</td>
<td>41° 2' 58.14&quot; N</td>
<td>85° 9' 10.15&quot; W</td>
<td>DH Satellite</td>
<td>3.7</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Analog/Digital Video and Audio with associated subcarriers</td>
</tr>
<tr>
<td>Site 1</td>
<td>810 Dominican Drive, Davidson, TN</td>
<td>36° 11' 17.00&quot; N</td>
<td>86° 48' 7.00&quot; W</td>
<td>ANT1</td>
<td>4.5 meters</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>0.00 dBW</td>
<td>Digital</td>
</tr>
</tbody>
</table>
Site 1 - PERMITTED LIST - ()

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

SITE ID: Site 1
LOCATION: 100 North St, Berkshire, Pittsfield, MA
42 ° 26' 60.00" N LAT. 73 ° 15' 10.00" W LONG.

ANTENNA ID: ANT1  4.5 meters  American Antennas, Inc.  TVRO-4.5

3700.0000 - 4200.0000 MHz  36M0G7W  DIGITAL AUDIO SIGNALS

Points of Communication:

Radio-Television - PERMITTED LIST - ()

SES–REG–20181031–07315  E  E201910  Trustees of Indiana University
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Radio-Television
LOCATION: 1229 E 7th Street, Monroe, Bloomington, IN
39 ° 10' 10.15" N LAT. 86 ° 31' 8.15" W LONG.

ANTENNA ID: Dish-1  3.8 meters  Comtech Antenna System  3.8M PF

3700.0000 - 4200.0000 MHz  10M0G7W  Digital Video/Audio Carrier

Points of Communication:

SES–REG–20181031–07324  E  E201919  Cable America Missouri, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Grand Marais MI
LOCATION: E21704 Airport Road, Alger, Grand Marais, MI
46 ° 39' 0.81" N LAT. 85 ° 59' 16.20" W LONG.

ANTENNA ID: Patriot  3.8 meters  Patriot Antenna Systems  3.8 Commercial Ant

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  Digital video

3700.0000 - 4200.0000 MHz  36M0F8F  0.00 dBW  Analog video and associated subcarriers
### Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>Site ID</th>
<th>Location</th>
<th>Antenna ID</th>
<th>Antenna Type</th>
<th>Frequency Range</th>
<th>Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES–REG–20181031–07325</td>
<td>E12459 Percy Road, Alger, Shingleton, MI</td>
<td>46° 23' 24.28&quot; N LAT. / 86° 28' 19.69&quot; W LONG.</td>
<td>Patriot</td>
<td>3.8 meters</td>
<td>Patriot Antenna Systems</td>
<td>3.8 Commercial Ant</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
</tr>
</tbody>
</table>

### Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>Site ID</th>
<th>Location</th>
<th>Antenna ID</th>
<th>Antenna Type</th>
<th>Frequency Range</th>
<th>Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES–REG–20181031–07335</td>
<td>E12459 Percy Road, Alger, Shingleton, MI</td>
<td>46° 23' 24.28&quot; N LAT. / 86° 28' 19.69&quot; W LONG.</td>
<td>Patriot</td>
<td>3.8 meters</td>
<td>Patriot Antenna Systems</td>
<td>3.8 Commercial Ant</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
</tr>
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### Points of Communication:

<table>
<thead>
<tr>
<th>Registration</th>
<th>Site ID</th>
<th>Location</th>
<th>Antenna ID</th>
<th>Antenna Type</th>
<th>Frequency Range</th>
<th>Power Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES–REG–20181031–07335</td>
<td>E12459 Percy Road, Alger, Shingleton, MI</td>
<td>46° 23' 24.28&quot; N LAT. / 86° 28' 19.69&quot; W LONG.</td>
<td>Patriot</td>
<td>3.8 meters</td>
<td>Patriot Antenna Systems</td>
<td>3.8 Commercial Ant</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
</tr>
</tbody>
</table>
Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 118 Malletts Bay Ave, Chittenden, Colchester, VT
44° 32' 13.00" N LAT. 73° 13' 5.00" W LONG.

ANTENNA ID: ANTI 4.5 meters American Antennas, Inc. TVRO-4.5
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO SIGNALS

Points of Communication:

Site 1 - PERMITTED LIST - ()

SES–REG–20181031–07344 E E201938 Cooper Communications LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 314 Lake Blvd., Shasta, Redding, CA
40° 36' 39.90" N LAT. 122° 22' 55.50" W LONG.

ANTENNA ID: 1 3 meters Paraclipse 3 Meter
3700.0000 - 4200.0000 MHz 36M0G7D Digital Audio and Data

ANTENNA ID: 2 4 meters Wineguard 4 Meter
3700.0000 - 4200.0000 MHz 36M0G7D Digital Audio and Data

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20181031–07345 E E201939 commZoom Assets, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: PleasantonHE
LOCATION: 1244 Encino Dr., Atascosa, Pleasanton, TX
28° 58' 34.00" N LAT. 98° 29' 56.30" W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

ANTENNA ID: ANT2 3.8 meters Comtech 3.8
3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals
ANTENNA ID: ANT3  5.6 meters  GCC  5.6

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

Points of Communication:

PleasantonHE - PERMITTED LIST - ()

SITE ID:  KITY Studio
LOCATION:  719 Ford S-200, Llano, Llano, TX
          30° 45' 1.50" N LAT.  98° 40' 33.50" W LONG.

ANTENNA ID: ANT1  3 meters  Winegard  TVRO-3

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital

Points of Communication:

KITY Studio - PERMITTED LIST - ()

SITE ID:  Tower
LOCATION:  4400 Centerville Rd, James City, Williamsburg, VA
          37° 16' 54.40" N LAT.  76° 47' 47.60" W LONG.

ANTENNA ID: Main  3.7 meters  Prodelin  1374

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Audio Westwood One

Points of Communication:

Site 1 - PERMITTED LIST - ()

SITE ID:  Site 1
LOCATION:  1715 Bypass Road 1715 Bypass Road, Meade, Brandenburg, KY
          37° 59' 9.00" N LAT.  86° 11' 3.95" W LONG.
<table>
<thead>
<tr>
<th>ANTENNA ID</th>
<th>ANT1</th>
<th>3.5 meters</th>
<th>AFC</th>
<th>PR-12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modulation &amp; services</td>
<td>Analog Video</td>
<td>with associated subcarriers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>0.00 dBW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SES-REG-20181031-07364</th>
<th>E201959</th>
<th>Meredith Corporation-KMOV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
<tr>
<td>SITE ID</td>
<td>KMOV studios</td>
<td></td>
</tr>
<tr>
<td>LOCATION</td>
<td>1 S Memorial drive, City of St. Louis, St. louis, MO</td>
<td></td>
</tr>
<tr>
<td>LAT</td>
<td>38 ° 37 ' 28.90 &quot; N</td>
<td></td>
</tr>
<tr>
<td>LONG</td>
<td>90 ° 11 ' 16.70 &quot; W</td>
<td></td>
</tr>
<tr>
<td>ANTENNA ID</td>
<td>Main Studi</td>
<td></td>
</tr>
<tr>
<td>ID</td>
<td>PRT-450</td>
<td></td>
</tr>
<tr>
<td>Dimension</td>
<td>4.5 meters</td>
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</tr>
<tr>
<td>Modulation &amp; services</td>
<td>Video, audio and data services</td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>36M0G7W</td>
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</tr>
</tbody>
</table>

**Points of Communication:**

KMOV studios - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SES-REG-20181031-07367</th>
<th>E201962</th>
<th>Lovett Broadcasting Enterprises, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
<tr>
<td>SITE ID</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>LOCATION</td>
<td>1809 US Hwy 84 West, Grady, Cairo, GA</td>
<td></td>
</tr>
<tr>
<td>LAT</td>
<td>30 ° 54 ' 8.00 &quot; N</td>
<td></td>
</tr>
<tr>
<td>LONG</td>
<td>84 ° 14 ' 3.00 &quot; W</td>
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</tr>
<tr>
<td>ANTENNA ID</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Dimension</td>
<td>3.8 meters</td>
<td></td>
</tr>
<tr>
<td>Modulation &amp; services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>30K0G7W</td>
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</tr>
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</table>

**Points of Communication:**

1 - PERMITTED LIST - ()

<table>
<thead>
<tr>
<th>SES-REG-20181031-07369</th>
<th>E201965</th>
<th>TowerStream Corp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of Station</td>
<td>Fixed Earth Stations</td>
<td></td>
</tr>
<tr>
<td>Nature of Service</td>
<td>Fixed Satellite Service</td>
<td></td>
</tr>
<tr>
<td>SITE ID</td>
<td>Miami, FL</td>
<td></td>
</tr>
<tr>
<td>LOCATION</td>
<td>4045 N.W. 97th Avenue, Dade, Miami, FL</td>
<td></td>
</tr>
<tr>
<td>LAT</td>
<td>25 ° 48 ' 35.00 &quot; N</td>
<td></td>
</tr>
<tr>
<td>LONG</td>
<td>80 ° 21 ' 11.00 &quot; W</td>
<td></td>
</tr>
</tbody>
</table>
ANTENNA ID: 1 2.4 meters Prodelin 1244

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW N/A

Points of Communication:

Miami, FL - PERMITTED LIST - ()

SES–REG–20181031–07372  E201972 LEWISTON COMMUNICATIONS

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 012796
LOCATION: 5239 Co Rd 612, Montmorency, Lewiston, MI
44° 53' 0.00" N LAT. 84° 17' 17.10" W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 3.7 AZ/EL

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital

Points of Communication:

012796 - PERMITTED LIST - ()

SES–REG–20181101–06097  E200787 commZoom Assets, LLC

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: GoliadHE
LOCATION: 901 Manahuilla St, Goliad, Goliad, TX
28° 41’ 12.00” N LAT. 97° 24’ 0.00” W LONG.

ANTENNA ID: ANT1 3.8 meters Patriot 3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

ANTENNA ID: ANT2 3.8 meters Comtech 3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

ANTENNA ID: ANT3 5.6 meters GCC 5.6

3700.0000 - 4200.0000 MHz 36M0G7W Digital Audio and Video Signals

Points of Communication:

GoliadHE - PERMITTED LIST - ()
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 1395 Isidoro Colon Street WMTJ Sistema-TV, 1395 Isidoro Colon St, San Juan, PR 18 ° 23' 14.20" N LAT. 66 ° 3' 36.95" W LONG.

ANTENNA ID: Ant 1 4.9 meters ASC 4.9
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

ANTENNA ID: Ant 2 4.5 meters ASC 4.5
3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: Martin Luther King Jr Dr, Webster, Eupora, MS 33 ° 33' 5.58" N LAT. 89 ° 17' 25.47" W LONG.

ANTENNA ID: 3.7 3.7 meters Prodelin 3.7m C-band
3700.0000 - 4200.0000 MHz 36M0G7W Audio and Video

ANTENNA ID: 3.8 3.8 meters Patriot 3.8m C-Band
3700.0000 - 4200.0000 MHz 36M0G7W Audio and Video

Points of Communication:

Site 1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KenedyHE
LOCATION: 0 St Marys, Karnes, Kenedy, TX 28 ° 48' 20.00" N LAT. 97 ° 50' 56.00" W LONG.
ANTENNA ID: ANT1  3.8 meters  Patriot  3.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANT2  3.8 meters  Comtech  3.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANT3  5.6 meters  GCC  5.6

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

Points of Communication:

KenedyHE - PERMITTED LIST - ()

SES–REG–20181101–07346  E  E201940  commZoom Assets, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  ThreeRiversHE
LOCATION:  6008 Hwy 281 N, Live Oak, San Antonio, TX
28° 28' 53.00" N LAT.  98° 10' 33.00" W LONG.

ANTENNA ID: ANT1  3.8 meters  Patriot  3.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANT2  3.8 meters  Comtech  3.8

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

ANTENNA ID: ANT3  5.6 meters  GCC  5.6

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Audio and Video Signals

Points of Communication:

ThreeRiversHE - PERMITTED LIST - ()

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

SITE ID:  KAHM Studio
LOCATION:  500 Henry St., Yavapai, Prescott, AZ
34° 33' 1.30" N LAT.  112° 27' 47.90" W LONG.

ANTENNA ID: Main Dish  3 meters  Scientific Atlanta  8006
Analog video with associated subcarriers.

3700.0000 - 4200.0000 MHz

ANTENNA ID: BDish 3.7 meters Dawnco.

D37F48-4PC-5.5

Analog video with associated subcarriers.

3700.0000 - 4200.0000 MHz

Points of Communication:

KAHM Studio - PERMITTED LIST - ()

SES-REG-20181113-07365  E201960

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KGVE

LOCATION: 1 W 3rd Street, Delaware, Grove, OK
36° 35' 37.00" N LAT. 94° 46' 10.00" W LONG.

ANTENNA ID: Dish 1 2.4 meters N/A 2.4M

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW Digital Audio Carrier

Points of Communication:

KGVE - PERMITTED LIST - ()

SES-REG-20181113-07374  E201969

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KESA

LOCATION: 175 Sanctuary Road, Carroll, Eureka Springs, AK
36° 22' 47.00" N LAT. 93° 44' 52.00" W LONG.

ANTENNA ID: KESA 2.4 meters N/A 2.4M

3700.0000 - 4200.0000 MHz 30K0F1D 0.00 dBW Digital Audio Carrier

Points of Communication:

KESA - PERMITTED LIST - ()

SES-REG-20181116-07370  E201973

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: KBOW Studio
LOCATION: 660 Dewey Blvd., Silver Bow, Butte, MT
46 ° 58' 58.70" N LAT. 112 ° 31' 41.00" W LONG.
ANTENNA ID: ANT1 4.2 meters Prodelin 4.2 meter
3700.0000 - 4200.0000 MHz 36M0G7W QPSK Digital Video and Digital Aural

Points of Communication:

KBOY Studio - PERMITTED LIST - ()

SES–REG–20200519–00543 E040102 Consolidated Communications Enterprise Services, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: Charleston
LOCATION: 805 Seventh Street, Coles, Charleston, IL
39 ° 29' 28.70" N LAT. 88 ° 10' 23.80" W LONG.
ANTENNA ID: Charleston 5 meters Antenna Tech Corp Simulsat 5M
3700.0000 - 4200.0000 MHz 36M0F8W 0.00 dBW Analog and digital video

Points of Communication:

Charleston - PERMITTED LIST - ()

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