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

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<tr>
<th>SES-ASG-20190301-00202</th>
<th>E180590</th>
<th>KSLA License Subsidiary, LLC</th>
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<td>Application for Consent to Assignment Consummated</td>
<td>Date Effective: 01/01/2019</td>
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<td>FROM:</td>
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<td>TO:</td>
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FROM: WAVE License Subsidiary, LLC
TO: Gray Television Licensee, LLC
No. of Station(s) listed: 1

Current Licensee: WCSC License Subsidiary, LLC
FROM: WCSC License Subsidiary, LLC
TO: Gray Television Licensee, LLC
No. of Station(s) listed: 1

Current Licensee: WDAM License Subsidiary, LLC
FROM: WDAM LICENSE SUBSIDIARY, INC.
TO: Gray Television Licensee, LLC
No. of Station(s) listed: 2

Current Licensee: WFIE License Subsidiary, LLC
FROM: WFIE License Subsidiary, LLC
TO: Gray Television Licensee, LLC
No. of Station(s) listed: 1

Current Licensee: WIS License Subsidiary, LLC
FROM: WIS License Subsidiary, LLC
TO: Gray Television Licensee, LLC
No. of Station(s) listed: 2

Current Licensee: WLOX License Subsidiary, LLC
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TO: Gray Television Licensee, LLC
No. of Station(s) listed: 1
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<td>Spectrum Southeast, LLC</td>
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**SES-ASG-20190319-00348**  
Application for Consent to Assignment

**Current Licensee:** Robin Media Group, LLC  
**FROM:** ROBIN MEDIA GROUP, LLC  
**TO:** Spectrum Southeast, LLC  
No. of Station(s) listed: 1

**Date Effective:** 03/19/2019

---

**SES-ASG-20190319-00349**  
Application for Consent to Assignment

**Current Licensee:** Bright House Networks, LLC  
**FROM:** Spectrum Southeast, LLC  
**TO:** Spectrum Southeast, LLC  
No. of Station(s) listed: 1

**Date Effective:** 03/19/2019

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**SES-ASG-20190320-00340**  
Application for Consent to Assignment

**Current Licensee:** Bright House Networks, LLC  
**FROM:** Spectrum Southeast, LLC  
**TO:** Spectrum Southeast, LLC  
No. of Station(s) listed: 1

**Date Effective:** 03/20/2019

---

**SES-ASG-20190320-00350**  
Application for Consent to Assignment

**Current Licensee:** Falcon Video Communications, L.P.  
**FROM:** Spectrum Southeast, LLC  
**TO:** Spectrum Southeast, LLC  
No. of Station(s) listed: 2

**Date Effective:** 03/20/2019

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**SES-LIC-20190211-00094**  
Application for Authority

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

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 8 Elm Street New Haven, CT, 06510, CONUS

**ANTENNA ID:** 1  
**1.2 meters AVL**  
**1200 US DSNG**

14000.0000 - 14500.0000 MHz  
24M0G7F  
62.24 dBW  
PSK, Digital video with assoc. digital audio/data

**Points of Communication:**  
1 - PERMITTED LIST - ()
APPLICATION FOR AUTHORITY

Nexstar Broadcasting, Inc.

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

SITE ID: 1
LOCATION: 555 Broadcast Drive Mobile, AL 36606, CONUS

ANTENNA ID: 1
LOCATION: AVL Technology 1
LOCATION: 2.4 meters
LOCATION: 14000.0000 - 14500.0000 MHz
LOCATION: 36M0F8W
LOCATION: 75.04 dBW
LOCATION: One wideband 36 MHz frequency modulation video carrier with associated audio and ATIS subcarriers
LOCATION: One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

APPLICATION FOR AUTHORITY

Nexstar Broadcasting, Inc.

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

SITE ID: 1
LOCATION: 555 Broadcast Drive Mobile, AL 36606, CONUS

ANTENNA ID: 1
LOCATION: AVL Technology 1
LOCATION: 1.2 meters
LOCATION: 14000.0000 - 14500.0000 MHz
LOCATION: 36M0G7W
LOCATION: 64.46 dBW
LOCATION: One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

APPLICATION FOR AUTHORITY

NBC Telemundo License LLC

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

SITE ID: 1
LOCATION: 101 McDonald Ct, Horry, Myrtle Beach, SC

ANTENNA ID: 1
LOCATION: AVL Technology 1
LOCATION: 1200
LOCATION: 14000.0000 - 14500.0000 MHz
LOCATION: 36M0G7W
LOCATION: 64.46 dBW
LOCATION: One 36 Mbit MCPC digital carrier for voice/data with an emission designator of 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()
SITE ID: 1
LOCATION: 900 Sylvan Ave., Bergen, Englewood Cliffs, NJ 40 ° 53 ' 44.40 " N LAT. 73 ° 56 ' 37.00 " W LONG.

ANTENNA ID: 1 9 meters General Dynamics 9.0 KPK

11700.0000 - 12200.0000 MHz 36M0G7W Phase modulated carrier with digital video, audio, and data
14000.0000 - 14500.0000 MHz 36M0G7W 85.64 dBW Phase modulated carrier with digital video, audio, and data

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20190226-00184 E E190069 MP Integral Telecommunications Inc
Application for Authority
Date Effective: 04/01/2019 - 04/01/2034
Grant of Authority
Date Effective: 04/01/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 24800 I-45, Montgomery, The Woodlands, TX 30 ° 7 ' 23.30 " N LAT. 95 ° 26 ' 26.70 " W LONG.

ANTENNA ID: 1 3.8 meters Prodelin 1383

5972.0000 - 6037.0000 MHz 25K0G7D 38.10 dBW Digital Data Carrier
6090.0000 - 6425.0000 MHz 25K0G7D 38.10 dBW Digital Data Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01246 E E070214 Fox Broadcasting Company
Application for Modification
Date Effective: 03/27/2019
Grant of Authority
Date Effective: 03/27/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1729 N. SALISBURY BLVD. (WBOC), WICOMICO, SALISBURY, MD 38 ° 23 ' 6.40 " N LAT. 75 ° 34 ' 47.80 " W LONG.

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

3700.0000 - 4200.0000 MHz 36M0G7F 0.00 dBW Digital traffic, various FEC, modulations and data rates
Points of Communication:

1 - PERMITTED LIST - ()

**SES-MOD-20180604-01247**

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<tr>
<th>Application for Modification</th>
<th>Fox Broadcasting Company</th>
<th>07/28/2010 - 07/28/2025</th>
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<tr>
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<td>Date Effective: 03/27/2019</td>
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**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** G-3463 W. PIERSON ROAD, GENESEE, FLINT, MI

43° 3' 35.60'' N LAT. 83° 45' 2.40'' W LONG.

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

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

**Points of Communication:**

1 - PERMITTED LIST - ()

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-MOD-20180604-01248**

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<td>Date Effective: 03/27/2019</td>
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**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 177 US HIGHWAY 41 EAST, MARQUETTE, NAGAUNEE, MI

46° 31' 48.60'' N LAT. 87° 33' 11.30'' W LONG.

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

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

**Points of Communication:**

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

Nature of Service: Fixed Satellite Service

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

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

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 16550 W. NINE MILE ROAD, OAKLAND, SOUTHFIELD, MI
42 ° 27 ’ 34.80 ” N LAT. 83 ° 12 ’ 40.40 ” W LONG.

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

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: 1570 LOOKOUT DRIVE, NICOLLET, N. MANKATO, MN
   44° 10’ 21.50” N LAT. 94° 2’ 55.60” W LONG.

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

3700.0000 - 4200.0000 MHz  36M0G7F
Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz  36M0F8F
Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180604-01252  E000399  Fox Broadcasting Company
Application for Modification
Grant of Authority
Date Effective: 03/28/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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

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

3700.0000 - 4200.0000 MHz  36M0G7F
Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz  36M0F8F
Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20180606-01241  E000413  Fox Broadcasting Company
Application for Modification
Grant of Authority
Date Effective: 03/28/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3930 SUNSET BLVD., MAHONING, YOUNGSTOWN, OH
   41° 3’ 24.00” N LAT. 80° 37’ 43.10” W LONG.

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

3700.0000 - 4200.0000 MHz  36M0G7F
Digital traffic, various FEC, modulations and data rates
Points of Communication:

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01242**

Application for Modification

E E000436 Fox Broadcasting Company

Grant of Authority

Date Effective: 07/28/2010 - 07/28/2025

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 750 IVORY AVE., ALLEGHENY, PITTSBURGH, PA

40 ° 29 ' 41.20 " N LAT. 80 ° 0 ' 16.20 " W LONG.

ANTENNA ID: ESA45-46A

4.5 meters ANDREW CORP.

3700.0000 - 4200.0000 MHz 36M0G7F

Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

---

Points of Communication:

1 - PERMITTED LIST - ()

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**SES-MOD-20180606-01243**

Application for Modification

E E000437 Fox Broadcasting Company

Grant of Authority

Date Effective: 07/28/2010 - 07/28/2025

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2005 SOUTH QUEEN STREET, YORK, YORK/HARRISBURG, PA

39 ° 56 ' 25.90 " N LAT. 76 ° 41 ' 47.00 " W LONG.

ANTENNA ID: ESA45-46A

4.5 meters ANDREW CORP.

3700.0000 - 4200.0000 MHz 36M0G7F

Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

---
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 820 CRATER LAKE AVE, SUITE 105, JACKSON, MEDFORD, OR 42 ° 20' 12.50” N LAT. 122 ° 51' 39.10” W LONG.

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

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

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Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3364 HUGER STREET, HORY, MYRTLE BEACH, SC 33 ° 40' 26.10” N LAT. 78 ° 56' 13.60” W LONG.

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

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()

---

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3364 HUGER STREET, HORY, MYRTLE BEACH, SC 33 ° 40' 26.10” N LAT. 78 ° 56' 13.60” W LONG.

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

3700.0000 - 4200.0000 MHz 36M0F8F Video Carrier

3700.0000 - 4200.0000 MHz 36M0G7F Digital traffic, various FEC, modulations and data rates

Points of Communication:

1 - PERMITTED LIST - ()
SITE ID: 1
LOCATION: 730 MIRAMONTE DRIVE (KEYT STUDIO), SANTA BARBARA, SANTA BARBARA, CA
34 ° 25 ' 10.00 " N LAT. 119 ° 41 ' 17.00 " W LONG.

ANTENNA ID: 1 4 meters PRODELIN PXT662XR3RP

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

ANTENNA ID: 2 3.7 meters GENERAL DYNAMICS 1374

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO AUDIO AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

Registration 05/08/2018 - 05/08/2033
Grant of Authority Date Effective: 04/01/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 128 s 4th street, O'Neil, NE
42 ° 27 ' 24.10 " N LAT. 98 ° 38 ' 49.37 " W LONG.

ANTENNA ID: 1 3.8 meters

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

Registration 05/11/2018 - 05/11/2033
Grant of Authority Date Effective: 04/01/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1800 E Wyandot, Wyandot, Upper Sandusky, OH
40 ° 50 ' 11.41 " N LAT. 83 ° 14 ' 9.11 " W LONG.

ANTENNA ID: 1 3.8 meters DH satellite 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW SCPC, BPSK, QPSK, video, data, voice, music

Points of Communication:
1 - PERMITTED LIST - ()

**SES–REG–20180514–00786**  E  E180394  KHBR Radio, Inc.

Registration Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1
LOCATION: 335 Country Club Rd, Hill, Hillsboro, TX

32 ° 0 ' 58.00 " N LAT. 97 ° 6 ' 34.00 " W LONG.

ANTENNA ID: Ant 1
3 meters Harris 5115

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Ant 2
3 meters Prodelin Corp 1304.990

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20180516–00844**  E  E180430  Regents of the University of New Mexico&BoardEducationAlbuquerque,NM(KNME-TV)

Registration Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1130 University blvd. NE (KNME-TV), Bernalillo, Albuquerque, NM

35 ° 5 ' 1.10 " N LAT. 106 ° 39 ' 7.00 " W LONG.

ANTENNA ID: 3.7M.
3.7 meters Meralite 370

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20180517–00861**  E  E180440  Kenneth E Lewetag

Registration Grant of Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: Eagle Crest Hill, Polk, Salem, OR
44 ° 58' 37.40" N LAT. 123 ° 8' 33.30" W LONG.

ANTENNA ID: TBD 3.6 meters UNKNOWN UNKNOWN

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180518-00775 E180385 Seehafer Broadcasting Corp.
Registration Grant of Authority
Date Effective: 04/01/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1710 N. Central Ave (WDLB), Wisconsin, Wisconsin Rapids, WI
44 ° 41' 5.18" N LAT. 90 ° 9' 42.80" W LONG.

ANTENNA ID: WDLB-1 3.8 meters Prodelin 1385

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog-Digital Audio-video with associated subcarriers

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180521-00876 E180455 Leighton Radio Holdings, Inc.
Registration Grant of Authority
Date Effective: 04/01/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 728 Western Ave, Otter Tail, Fergus Falls, MN
46 ° 17' 30.00" N LAT. 96 ° 6' 59.00" W LONG.

ANTENNA ID: 1 3.7 meters Prime Focus P370FAE

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio

Points of Communication:

1 - PERMITTED LIST - ()
Fixed Earth Stations

Fixed Satellite Service

Site 1 - AMC-15 (S2180) - (105.0 W.L.)

Ses-Reg-20180522-00926  E180501  Resort Television Cable Company, Inc.
Registration 05/22/2018 - 05/22/2033
Grant of Authority Date Effective: 03/29/2019

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  410 Airport Road (432), Garland, Hot Springs, AR
34 ° 29 ’ 19.55 ” N LAT.  93 ° 5 ’ 31.27 ” W LONG.

ANTENNA ID:  432 4.5 meters American Antennas TVRO-4.5

3700.0000 - 4200.0000 MHz  30M0G7W 0.00 dBW Modulation and Services Digital Video

Points of Communication:

1 - PERMITTED LIST - ()

Ses-Reg-20180523-00895  E180473  University Broadcasting, Inc.
Registration 05/23/2018 - 05/23/2033
Grant of Authority Date Effective: 04/01/2019

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  8100 S. Lewis Ave., Tulsa, Tulsa, OK
36 ° 2 ’ 51.56 ” N LAT.  95 ° 57 ’ 17.71 ” W LONG.

ANTENNA ID:  1 5 meters DH Satellite DH Gibraltar
<table>
<thead>
<tr>
<th>Points of Communication:</th>
<th>1 - PERMITTED LIST - ()</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>TVRO-4.5</strong></td>
</tr>
<tr>
<td><strong>LOCATION:</strong></td>
<td><strong>433 Hempstead 4, Hempstead, AR</strong></td>
</tr>
<tr>
<td><strong>SITE ID:</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>LAT.:</strong></td>
<td><strong>33° 41' 47.00&quot; N</strong></td>
</tr>
<tr>
<td><strong>LONG.:</strong></td>
<td><strong>93° 33' 54.00&quot; W</strong></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>LOCATION:</strong></td>
<td><strong>711 North High Street, Gregg, TX</strong></td>
</tr>
<tr>
<td><strong>SITE ID:</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>LAT.:</strong></td>
<td><strong>32° 30' 12.00&quot; N</strong></td>
</tr>
<tr>
<td><strong>LONG.:</strong></td>
<td><strong>94° 44' 29.00&quot; W</strong></td>
</tr>
<tr>
<td><strong>ANTENNA ID:</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>LOCATION:</strong></td>
<td><strong>4.5 meters</strong></td>
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<td><strong>SITE ID:</strong></td>
<td><strong>1</strong></td>
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<td><strong>LAT.:</strong></td>
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<td><strong>SITE ID:</strong></td>
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<td><strong>LAT.:</strong></td>
<td><strong>32° 30' 12.00&quot; N</strong></td>
</tr>
<tr>
<td><strong>LONG.:</strong></td>
<td><strong>94° 44' 29.00&quot; W</strong></td>
</tr>
</tbody>
</table>
**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 398 South Moccasin Avenue (441), Cherokee, Tahlequah, OK  
35° 54' 47.00" N LAT.  
94° 59' 22.00" W LONG.

**ANTENNA ID:** TVRO-4.5  
**Modulation and Services:** Digital Video  
**Points of Communication:**

1 - PERMITTED LIST - ()

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

**SITE ID:** 1  
**LOCATION:** 1123 South St (WVBG-Studio), Warren, Vicksburg, MS  
32° 20' 51.86" N LAT.  
90° 52' 36.00" W LONG.

**ANTENNA ID:** WVBG1  
**Modulation and Services:** Digital audio and video signals

**Points of Communication:**

1 - AMC-15 (S2180) - (105.0 W.L.)

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

**SITE ID:** 1  
**LOCATION:** 2807 Third Ave (KIRO-1), King, Seattle, WA  
47° 37' 3.30" N LAT.  
122° 21' 1.92" W LONG.

**ANTENNA ID:** KIRO-1  
**Modulation and Services:** Digital audio and video signals

**Points of Communication:**

1 - AMC-15 (S2180) - (105.0 W.L.)
Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20180531–01044**  E180598  Graham Media Group, Houston, Inc.
Registration  05/31/2018 - 05/31/2033
Grant of Authority  Date Effective: 04/01/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8181 Southwest Fwy, Harris, Houston, TX
29° 41' 23.80" N LAT. 95° 31' 41.00" W LONG.

ANTENNA ID: 1  5.5 meters  Antenna Technology Communications  5B

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20180601–00952**  E180524  Henderson Broadcasting Company, L.P.
Registration  05/27/2018 - 05/27/2033
Grant of Authority  Date Effective: 04/01/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 7704 FM 1758 Bowie, Texas, Montague, Bowie, TX

ANTENNA ID: 1  3.8 meters  Paraclipse  Classic

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  DIGITAL AUDIO

ANTENNA ID: 2  3.2 meters  Unknown  Unknown

3700.0000 - 4200.0000 MHz  30M0G7W  0.00 dBW  DIGITAL AUDIO

Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20180601–01022**  E180578  Educational Information Corporation
Registration  06/01/2018 - 06/01/2033
Grant of Authority  Date Effective: 04/01/2019

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

SITE ID:  1
LOCATION:  1928 Chalk Road, Wake, Wake Forest, NC
          35° 56' 31.40" N LAT.  78° 28' 31.30" W LONG.

ANTENNA ID:  2  3.65 meters  Satellite Export and Engineering  Patriot 3.7
            3700.0000 - 4200.0000 MHz  200KG7D  digital audio

Points of Communication:

1 - PERMITTED LIST - ()

SES−REG−20180601−01032  E180588  MOUNTAIN STATE COMMUNITY RADIO INC
Registration  06/01/2018 - 06/01/2033
Grant of Authority  Date Effective:  04/01/2019

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  1755 Ravenswood Rd., Jackson, Ravenswood, WV
          38° 58' 10.90" N LAT.  81° 46' 31.90" W LONG.

ANTENNA ID:  1  3.1 meters  Tek2000  300cm
            3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  digital data

Points of Communication:

1 - SES-2 (S2826) - (87 W.L.)

SES−REG−20180606−01677  E180994  Q MEDIA PROPERTIES, LLC
Registration  06/06/2018 - 06/06/2033
Grant of Authority  Date Effective:  03/29/2019

Class of Station:  Fixed Earth Stations

Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  15429 Pokegama Lake Rd (WCMP Satellite), Pine, Pine City, MN
          45° 49' 4.00" N LAT.  92° 59' 48.20" W LONG.

ANTENNA ID:  WCMP-1  2.8 meters  Scientific Atlanta  9000
            3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  QPSK - Voice

Points of Communication:

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

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** PO Box 1008 46344 W. Radio Hill Rd, Sawyer, Hayward, WI 46° 1' 12.00 " N LAT. 91° 30' 40.00 " W LONG.  

**ANTENNA ID:** 37DH448A  
**3700.0000 - 4200.0000 MHz**  
**2M45G7W**  
**Voice and Data DVB-S Receive Only**

**Points of Communication:**

1 - PERMITTED LIST - ()

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**Class of Station:** Fixed Earth Stations  

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 38 52 9.4  
**LOCATION:** 1355 Addison Road South, Prince Georges, Capital Heights, MD 38° 52' 8.00 " N LAT. 76° 53' 42.60 " W LONG.  

**ANTENNA ID:** 1374  
**3700.0000 - 4200.0000 MHz**  
**36M0G7W**  
**0.00 dBW**  
**Digital Data/Digital Audio**

**Points of Communication:**

38 52 9.4 - PERMITTED LIST - ()

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**Class of Station:** Fixed Earth Stations  

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1  
**LOCATION:** 416 E. Main, Wapello, Ottumwa, IA 41° 0' 52.80 " N LAT. 92° 24' 32.50 " W LONG.  

**ANTENNA ID:** TBD  
**3.8 meters**
3700.0000 - 4200.0000 MHz  36M0G7W  DIGITAL DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180614-01460  E  E180842  Krol Communications Inc.  06/14/2018 - 06/14/2033
Grant of Authority  Date Effective:  04/01/2019

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

SITE ID:  1
LOCATION:  1277 Parkway Drive, Livingstone, Howell, MI
42° 34' 53.20" N LAT.  83° 51' 52.90" W LONG.

ANTENNA ID:  1  3.8 meters  Comspec  934D0015-G1

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180614-01475  E  E180853  Skyline Tower LLC  06/14/2018 - 06/14/2033
Grant of Authority  Date Effective:  04/01/2019

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

SITE ID:  1
LOCATION:  4545 SW Council Crest Drive, Multnomah, Portland, OR
45° 29' 24.40" N LAT.  122° 41' 49.30" W LONG.

ANTENNA ID:  1  5 meters  D H Satellite  D H Satellite 5 Mete

3700.0000 - 4200.0000 MHz  36M0G7W  QAM/256

ANTENNA ID:  2  5 meters  D H Satellite  DH Satellite 5 Meter

3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  QAM/256

Points of Communication:
### Genuine Austin Radio, L.P.

**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service  
**Grant of Authority:** 06/18/2018 - 06/18/2033  
**Date Effective:** 04/01/2019  
**SITE ID:** 1  
**LOCATION:** 912 S. Capital of Texas Hwy Ste. 400, Travis, Austin, TX  
30° 17' 9.21" N LAT.  
97° 49' 36.93" W LONG.  
**ANTENNA ID:** 1  
3 meters Prodelin  
3700.0000 - 4200.0000 MHz  
36M0G7W  
**ANTENNA ID:** 2  
3.7 meters Prodelin  
3700.0000 - 4200.0000 MHz  
36M0G7W  
### Graham Media Group, Houston, Inc.

**Class of Station:** Fixed Earth Stations  
**Nature of Service:** Fixed Satellite Service  
**Grant of Authority:** 06/18/2018 - 06/18/2033  
**Date Effective:** 04/01/2019  
**SITE ID:** 1  
**LOCATION:** 8181 Southwest Fwy, Harris, Houston, TX  
29° 41' 23.80" N LAT.  
95° 31' 41.00" W LONG.  
**ANTENNA ID:** 1  
4.5 meters EASi  
3700.0000 - 4200.0000 MHz  
36M0G7W 0.00 dBW Digital Video, Audio, and Data  
3700.0000 - 4200.0000 MHz  
36M0G7W 0.00 dBW Digital Video, Audio, and Data  
**ANTENNA ID:** 2  
4.5 meters EASi  
3700.0000 - 4200.0000 MHz  
36M0G7W 0.00 dBW Digital Video, Audio, and Data  
3700.0000 - 4200.0000 MHz  
36M0G7W 0.00 dBW Digital Video, Audio, and Data  
### Points of Communication:

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

SITE ID: 1
LOCATION: 8181 Southwest Fwy, Harris, Houston, TX
29° 34' 6.10" N LAT. 95° 29' 57.70" W LONG.

ANTENNA ID: EASi 4.5 meters 0.00 dBW 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

ANTENNA ID: EASi 4.5 meters 0.00 dBW 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

ANTENNA ID: EASi 4.5 meters 0.00 dBW 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

Points of Communication:
1 - PERMITTED LIST - ()

SITE ID: 1
LOCATION: 1531 West Tipton Street Seymour, In, Seymour, IN
38° 56' 54.60" N LAT. 85° 54' 47.52" W LONG.

ANTENNA ID: Dawn 3.7 meters 0.00 dBW D372F48-4PC-5.5
3700.0000 - 4200.0000 MHz 36M0G7W QRSK modulation, digital audio and video data

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

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 6430 Oakbrook Pkwy, USA, Fort Wayne, IN
41° 8' 19.90" N LAT. 85° 8' 18.80" W LONG.

ANTENNA ID: FTR6430-SS 5 meters ACTi 5b
3700.0000 - 4200.0000 MHz 36M0G7W QPSK and 8PSK

ANTENNA ID: FTR6430-PF 4.5 meters Patriot Patriot 4.5
3700.0000 - 4200.0000 MHz 36M0G7W QPSK and 8PSK

SITE ID: 2
LOCATION: 8001 W Jefferson Blvd, USA, Fort Wayne, IN
41° 2' 3.00" N LAT. 85° 14' 46.80" W LONG.

ANTENNA ID: FTR8001-SS 5 meters ACTi 5b
3700.0000 - 4200.0000 MHz 36M0G7W QPSK and 8PSK

ANTENNA ID: FTR8001-PF 4.5 meters Patriot Patriot 4.5
3700.0000 - 4200.0000 MHz 36M0G7W QPSK and 8PSK

Points of Communication:

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

SITE ID: 1
LOCATION: 265 Hegeman Ave (Vox AM/FM LLC), Chittenden, Colchester, VT
44° 30' 22.00" N LAT. 73° 9' 0.00" W LONG.

ANTENNA ID: Comtech 3.8 meters Comtech 3.8M.
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Audio Carrier
Points of Communication:

1 - AMC-18 (S2713) - (139 WL)

**SES-REG-20180710-02166**  E  E181356  Salem Media of Massachusetts, LLC
Registration  07/10/2018 - 07/10/2033
Grant of Authority  Date Effective: 03/28/2019

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1
**LOCATION:** 25 Northwest Point, Suite #400, Cook, ELK GROVE, IL
42° 1' 54.00" N LAT.
87° 59' 3.70" W LONG.

**ANTENNA ID:** 3.8Pr  3.8 meters  Prodelin  1374-990
3700.0000 - 4200.0000 MHz  36M0G7W  0.00 dBW  Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

**SES-REG-20180710-02168**  E  E181358  CHESAPEAKE PUBLIC SCHOOLS WFOS RADIO
Registration  07/10/2018 - 07/10/2033
Grant of Authority  Date Effective: 03/28/2019

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1
**LOCATION:** 1617 Cedar Rd (WFOS), Chesapeake City, Chesapeake, VA
36° 43' 28.00" N LAT.
76° 17' 59.00" W LONG.

**ANTENNA ID:** 3.8  3.8 meters  Comtech  3.8
3700.0000 - 4200.0000 MHz  36M0G7W  News and Information

Points of Communication:

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

**SES-REG-20180710-02170**  E  E181360  New Inspiration Broadcasting Company, Inc.
Registration  07/10/2018 - 07/10/2033
Grant of Authority  Date Effective: 03/28/2019

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service
SITE ID: 1
LOCATION: 1425 River Park Drive, Suite 520, Sacramento, SACRAMENTO, CA
38° 35' 50.50" N LAT. 121° 26' 26.60" W LONG.

ANTENNA ID: 3.7D& 3.7 meters D&H 38DH160A

600.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES--REG--20180710--02172 E181361 Granton Technologies, Inc.
Registration 07/10/2018 - 07/10/2033
Grant of Authority Date Effective: 03/28/2019

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

SITE ID: GTI
LOCATION: 1250 Grafton Hills Drive, Jersey, Grafton, IL
38° 59' 15.87" N LAT. 90° 25' 13.37" W LONG.

ANTENNA ID: SS5 5.1 meters ATCI SimulSat-5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video

Points of Communication:

GTI - PERMITTED LIST - ()

SES--REG--20180711--02173 E181362 BLUEBERRY BROADCASTING COMPANY INC
Registration 07/10/2018 - 07/10/2033
Grant of Authority Date Effective: 03/27/2019

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

SITE ID: 1
LOCATION: Douglas, Bacon, Alma, GA
31° 32' 44.50" N LAT. 82° 28' 42.00" W LONG.

ANTENNA ID: Ant 1 3.6 meters Paraclipse classic 12

3700.0000 - 4200.0000 MHz 36M0G7W Digital audio

Points of Communication:

1 - SES-11 (S2964) - (104.95 W.L)
Class of Station: Fixed Earth Stations  
Nature of Service: Fixed Satellite Service  

SITE ID: 1  
LOCATION: 400 Main St 37, Calaveras, Copperopolis, CA  
37 ° 58 ’ 48.90 ” N LAT. 120 ° 38 ’ 27.30 ” W LONG.  

ANTENNA ID: ANT1 3.7 meters PRODELIN 3.7M.  

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 - ()  

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

SITE ID: 1  
LOCATION: 18238 S Fischers Mill Road, Clackamas, Oregon City, OR  
45 ° 20 ’ 38.75 ” N LAT. 122 ° 29 ’ 28.11 ” W LONG.  

ANTENNA ID: Simulsat 5 4.5 meters ACTI 5B  

3700.0000 - 4200.0000 MHz 36M0G7D Video  

Points of Communication:  
1 - PERMITTED LIST - ()  

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

SITE ID: 1  
LOCATION: 103 East Second Street, Sibley, Winthrop, MN  
44 ° 32 ’ 26.30 ” N LAT. 94 ° 21 ’ 50.10 ” W LONG.  

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ANTENNA ID: 4.5M. 4.5 meters Challenger 4.5 METER
3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:
1 - PERMITTED LIST - ()

SES–REG–20180712–02177  E181366 DISNEYLAND RESORT (A Division of Walt Disney World Co.)
Registration 07/12/2018 - 07/12/2033
Grant of Authority Date Effective: 03/28/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1515 S. Harbor Blvd., Orange, Anaheim, CA
33 ° 48’ 26.30” N LAT. 117 ° 55’ 3.00” W LONG.

ANTENNA ID: 1 4.5 meters Superior Satellite 8345
3700.0000 - 4200.0000 MHz 36M0G7W Digital Programming and Data

Points of Communication:
1 - PERMITTED LIST - ()

Registration 07/12/2018 - 07/12/2033
Grant of Authority Date Effective: 03/28/2019
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 556 E SR 54 (WNDI Studio), Sullivan, Sullivan, IN
39 ° 4’ 30.94” N LAT. 87 ° 23’ 57.33” W LONG.

ANTENNA ID: WNDI-1 3.8 meters UNKNOWN UNKNOWN
3700.0000 - 4200.0000 MHz 36M0G7W Digital data and audio

Points of Communication:
1 - PERMITTED LIST - ()

SES–REG–20180713–02232  E181389 NPG of California, LLC
Registration 07/13/2018 - 07/13/2033
Grant of Authority Date Effective: 04/01/2019
Class of Station: Fixed Earth Stations
**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1
**LOCATION:** 1211 W McCoy Ln (Studio), Santa Barbara, Santa Maria, CA
34° 55' 2.30" N LAT.
120° 27' 18.10" W LONG.

**Antenna Information:**

- **Antenna ID:** 4
  - **Height:** 3 meters
  - **Antenna:** COMTECH 3.0M
  - **Frequency:** 3700.0000 - 4200.0000 MHz
  - **Carrier:** 36M0G7W
  - **Service:** DIGITAL VIDEO AUDIO AND DATA

- **Antenna ID:** 1
  - **Height:** 7 meters
  - **Antenna:** SCIENTIFIC ATLANTA 8010CM
  - **Frequency:** 3700.0000 - 4200.0000 MHz
  - **Carrier:** 36M0G7W
  - **Service:** DIGITAL VIDEO AUDIO AND DATA

- **Antenna ID:** 2
  - **Height:** 4.5 meters
  - **Antenna:** PATRIOT PRT-450
  - **Frequency:** 3700.0000 - 4200.0000 MHz
  - **Carrier:** 36M0G7W
  - **Service:** DIGITAL VIDEO AUDIO AND DATA

- **Antenna ID:** 3
  - **Height:** 3.8 meters
  - **Antenna:** PATRIOT PRT-380
  - **Frequency:** 3700.0000 - 4200.0000 MHz
  - **Carrier:** 36M0G7W
  - **Service:** DIGITAL VIDEO AUDIO AND DATA

**Points of Communication:**

1 - PERMITTED LIST - ()

**SES-REG-20180717-02179**

- **Registration**
  - **Number:** E181368
  - **Date:** 07/12/2018 - 07/12/2033
  - **Company:** KVWC, Inc.

- **Grant of Authority**
  - **Date Effective:** 04/01/2019

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** Site 1
**LOCATION:** 302 Wilbarger Street, Wilbarger, Vernon, TX
34° 9' 14.88" N LAT.
99° 16' 0.43" W LONG.

**Antenna Information:**

- **Antenna ID:** ant1
  - **Height:** 3.05 meters
  - **Antenna:** Scientific Atlanta SA-10
  - **Frequency:** 3700.0000 - 4200.0000 MHz
  - **Carrier:** 30M0G7W
  - **Gain:** 0.00 dBW
  - **Service:** Analog Video with associated subcarriers

**Points of Communication:**

Site 1 - PERMITTED LIST - ()

**SES-REG-20180717-02205**

- **Registration**
  - **Number:** E181385
  - **Date:** 07/17/2018 - 07/17/2033
  - **Company:** Salem Media of Colorado, Inc.

- **Grant of Authority**
  - **Date Effective:** 03/28/2019

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service
SITE ID: 1
LOCATION: 3131 South Vaughn Way, Suite 601, Arapahoe, AURORA, CO
39° 39’ 38.00” N LAT. 104° 50’ 13.00” W LONG.

ANTENNA ID: 3.7D&
3.7 meters D&H DH30FAE-60

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02457 E181574 Thumb Broadcasting Inc
Registration Date Effective: 04/01/2019
Grant of Authority 07/17/2018 - 07/17/2033

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

SITE ID: 1
LOCATION: 935 S. Van Dyke Rd, Huron, Bad Axe, MI
43° 48’ 3.00” N LAT. 83° 1’ 23.00” W LONG.

ANTENNA ID: TBD

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02460 E181578 Luna County Broadcasting Company
Registration Date Effective: 04/01/2019
Grant of Authority 07/17/2018 - 07/17/2033

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

SITE ID: 1
LOCATION: 1700 S Gold Ave, Luna, Deming, NM
32° 15’ 5.00” N LAT. 107° 45’ 26.00” W LONG.

ANTENNA ID: TBD

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()
<table>
<thead>
<tr>
<th>Grant of Authority</th>
<th>Date Effective:</th>
<th>Class of Station:</th>
<th>Nature of Service:</th>
<th>Location</th>
<th>Antenna</th>
<th>Operating Power</th>
<th>Service Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/19/2018 - 07/19/2033</td>
<td>03/27/2019</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>36° 7' 30.70&quot; N LAT. 95° 53' 4.00&quot; W LONG.</td>
<td>Prodelin</td>
<td>1383</td>
<td>3700.0000 - 4200.0000 MHz</td>
</tr>
<tr>
<td>07/19/2018 - 07/19/2033</td>
<td>03/27/2019</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
<td>28° 35' 20.30&quot; N LAT. 81° 25' 3.80&quot; W LONG.</td>
<td>COMTECH</td>
<td>3.8M</td>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>07/20/2018 - 07/20/2033</td>
<td>04/01/2019</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
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<td>SITE ID:</td>
<td>LOCATION:</td>
<td></td>
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</tr>
<tr>
<td>1</td>
<td>105 tower rd sw, MN, Bagley, MN</td>
<td></td>
<td></td>
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<tr>
<td>1</td>
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</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>3.6 meters</td>
<td>Orbitron</td>
<td>unknown</td>
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<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3.8 meters</td>
<td>Patriot</td>
<td>unknown</td>
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</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2.8 meters</td>
<td>Scientific Atlanta</td>
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<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
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<tr>
<td>5</td>
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<td>Unimesh</td>
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<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
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<td>36M0F8F</td>
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<td>6</td>
<td>3 meters</td>
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<td>unknown</td>
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<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
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<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
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<td>7</td>
<td>3.8 meters</td>
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<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
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<td>digital video</td>
<td></td>
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<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
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<tr>
<td>8</td>
<td>3.7 meters</td>
<td>General Dynamics</td>
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<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
<td>digital video</td>
<td></td>
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<tr>
<td></td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
<td>analog video with associated subcarriers</td>
<td></td>
</tr>
</tbody>
</table>
Points of Communication:

1 - PERMITTED LIST - ()

**SES--REG--20180723--02364**  E181480  Alan J White ( d/b/a KACH AM )
Registration  07/23/2018 - 07/23/2033  Date Effective:  04/01/2019
Grant of Authority

**Class of Station:**  Fixed Earth Stations

**Nature of Service:**  Fixed Satellite Service

**SITE ID:**  1

**LOCATION:**  1633 North Radio Station Road, Franklin, Preston, ID
42° 4’ 28.00” N LAT.  111° 30’ 28.70” W LONG.

**ANTENNA ID:**  TBD

3700.0000 - 4200.0000 MHz  36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

**SES--REG--20180724--02393**  E181513  Multimedia Holdings Corporation
Registration  07/19/2018 - 07/19/2033  Date Effective:  04/01/2019
Grant of Authority

**Class of Station:**  Fixed Earth Stations

**Nature of Service:**  Fixed Satellite Service

**SITE ID:**  1

**LOCATION:**  8811 Olson Memorial Hwy, Hennepin, Golden Valley, MN
44° 58’ 59.80” N LAT.  93° 23’ 28.80” W LONG.

**ANTENNA ID:**  1  4.5 meters  PATRIOT  4.5MPF

3700.0000 - 4200.0000 MHz  36M0G7W

**ANTENNA ID:**  2  3.8 meters  COMTECH  3.8M

3700.0000 - 4200.0000 MHz  36M0G7W

**ANTENNA ID:**  3  2.8 meters  SCIENTIFIC ATLANTA  9000

3700.0000 - 4200.0000 MHz  36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()
<table>
<thead>
<tr>
<th>Registration</th>
<th>Grant of Authority</th>
<th>Date Effective</th>
<th>Class of Station</th>
<th>Nature of Service</th>
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**Points of Communication:**

<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>ANTENNA ID</th>
<th>PEER CODE</th>
<th>SERVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2000 Indian Hills Drive, Woodbury, Sioux City, IA</td>
<td>1</td>
<td>3.5 meters</td>
<td>ComTech</td>
</tr>
<tr>
<td>1</td>
<td>795 Buckley Road Suite #2, San Luis Obispo, CA</td>
<td>1</td>
<td>4.5 meters</td>
<td>AMERICAN ANTENNAS, INC</td>
</tr>
<tr>
<td>1</td>
<td>215 Leland Ave., Oneida, Utica, NY</td>
<td>Roser</td>
<td>3.7 meters</td>
<td>DH</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>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20180908-03688</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

| SITE ID: | 1 |
| LOCATION: | 130 CARMEN DRIVE (WHWL), MARQUETTE, MARQUETTE, MI |

46° 29' 5.10" N LAT. 87° 21' 1.70" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>3.7 meters</th>
<th>DH Satellite</th>
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</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>30M0G7W</td>
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<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0F8F</td>
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</table>

Points of Communication:

1 - AMC-18 (S2713) - (139 WL)
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-20181009-03626</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

| SITE ID: | 1 |
| LOCATION: | 200 N 10th, Webster, Fort Dodge, IA |

42° 30' 27.87" N LAT. 94° 11' 9.03" W LONG.

<table>
<thead>
<tr>
<th>ANTEENA ID:</th>
<th>3.7 meters</th>
<th>DH Satellite</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>37DH4</td>
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</tr>
<tr>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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Points of Communication:

1 - PERMITTED LIST - ()

<table>
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<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>SES-REG-20181010-03684</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
</tr>
</tbody>
</table>

| SITE ID: | 1 |
| LOCATION: | Stephens Media Group - Massena, LLC |

46° 29' 5.10" N LAT. 87° 21' 1.70" W LONG.

<table>
<thead>
<tr>
<th>ANTENNA ID:</th>
<th>3.7 meters</th>
<th>DH Satellite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stephens Media Group - Massena, LLC</td>
<td>37DH4</td>
<td></td>
</tr>
<tr>
<td>Stephens Media Group - Massena, LLC</td>
<td>36M0G7W</td>
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</tr>
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</table>
Nature of Service: Fixed Satellite Service

SITE ID: Ogdensberg
LOCATION: One Bridge Plaza, St. Lawrence, Ogdensberg, NY
44° 43’ 7.60” N LAT. 75° 27’ 22.28” W LONG.

ANTENNA ID: 1 3.8 meters Satcom 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL AUDIO AND DATA

Points of Communication:

Ogdensberg - PERMITTED LIST - ()

SES-REG-20190211-00166 E E6269 Nexstar Broadcasting, Inc.
Registration 02/01/2019 - 02/01/2034
Grant of Authority Date Effective: 03/29/2019

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

SITE ID: 1
LOCATION: 1410 Coal Ave SW (KRQE RO 1), Bernalillo, Albuquerque, NM
35° 4’ 55.00” N LAT. 106° 39’ 52.00” W LONG.

ANTENNA ID: 1 7 meters Scientific Atlanta 8010

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

ANTENNA ID: 2 4.6 meters Scientific Atlanta 8005

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW PSK, Digital video with assoc. digital audio/data

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190304-00252 E E6879 NBC Telemundo License LLC
Renewal 03/30/2019 - 03/30/2034
Grant of Authority Date Effective: 03/27/2019

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

SITE ID: 1
LOCATION: BROADCAST TULLY 505 RUTHERFORD STREET, GREENVILLE, GREENVILLE, SC
34° 51’ 58.00” N LAT. 82° 24’ 23.00” W LONG.

ANTENNA ID: 1 8 meters HARRIS 5349

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14000.0000 - 14500.0000 MHz  36M0G7W  80.70 dBW  DIGITAL COMPRESSED VIDEO
11700.0000 - 12200.0000 MHz  36M0G7W  DIGITAL COMPRESSED VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190304-00253  E6854  NBC Telemundo License LLC
Renewal
Grant of Authority
Date Effective: 03/30/2019 - 03/30/2034

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

SITE ID: 1
LOCATION: 605 WASHINGTON STREET, RAPIDES, ALEXANDRIA, LA
31 ° 18 ’ 29.00 ” N LAT.  92 ° 26 ’ 43.46 ” W LONG.

ANTENNA ID: 1  8 meters  HARRIS  5349

14000.0000 - 14500.0000 MHz  36M0G7W  80.70 dBW  DIGITAL COMPRESSED VIDEO
11700.0000 - 12200.0000 MHz  36M0G7W  DIGITAL COMPRESSED VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190304-00254  E6853  NBC Telemundo License LLC
Renewal
Grant of Authority
Date Effective: 03/30/2019 - 03/30/2034

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

SITE ID: 1
LOCATION: 6140 BUENA VISTA ROAD, MUSCOGEE, COLUMBUS, GA
32 ° 27 ’ 28.00 ” N LAT.  84 ° 53 ’ 10.00 ” W LONG.

ANTENNA ID: 1  8 meters  HARRIS  5349

14000.0000 - 14500.0000 MHz  36M0G7W  80.70 dBW  DIGITAL COMPRESSED VIDEO
11700.0000 - 12200.0000 MHz  36M0G7W  DIGITAL COMPRESSED VIDEO

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

SITE ID: 1
LOCATION: 275 E. ARLINGTON (WITN), PITT, GREENVILLE, NC
35° 35' 19.30" N LAT. 77° 22' 23.10" W LONG.

ANTENNA ID: 1
5.6 meters ASC SIGNAL ES56-1

14000.0000 - 14500.0000 MHz 36M0G7W 78.80 dBW DIGITAL COMPRESSED VIDEO
11700.0000 - 12200.0000 MHz 36M0G7W DIGITAL COMPRESSED VIDEO

Points of Communication:

1 - PERMITTED LIST - ()

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

SITE ID: 1
LOCATION: 5600 AVENUE A (KCBD), LUBBOCK, LUBBOCK, TX
33° 32' 31.58" N LAT. 101° 50' 15.71" W LONG.

ANTENNA ID: 1
6.1 meters HARRIS 5346

14000.0000 - 14500.0000 MHz 36M0G7W 78.60 dBW DIGITAL COMPRESSED VIDEO
11700.0000 - 12200.0000 MHz 36M0G7W DIGITAL COMPRESSED VIDEO

Points of Communication:

1 - PERMITTED LIST - ()
| SITE ID: | 1 |
| LOCATION: | 8195 FRONT BEACH ROAD (WJHG), BAY, PANAMA CITY BEACH, FL |
| LAT: | 30 ° 10 ' 59.00 " N |
| LONG: | 85 ° 46 ' 38.00 " W |
| ANTE...| 14000.0000 - 14500.0000 MHz | 36M0G7W | 80.70 dBW | DIGITAL COMPRESSED VIDEO |
| Points of Communication: | 1 - PERMITTED LIST - () |

| SES-RWL-20190304-00266 | E6848 | NBC Telemundo License LLC |
| Renewal | Grant of Authority | 03/30/2019 - 03/30/2034 |
| Date Effective: | 03/29/2019 |

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

| SITE ID: | 1 |
| LOCATION: | 4510 SOUTH 14, TAYLOR, ABILENE, TX |
| LAT: | 32 ° 25 ' 55.00 " N |
| LONG: | 99 ° 46 ' 52.00 " W |
| ANTENNA ID: | 1 |
| SIZE: | 6.1 meters |
| MANUFACTURER: | HARRIS |
| ID: | 5346 |
| Points of Communication: | 1 - PERMITTED LIST - () |

| SES-STA-20190219-00173 | E | SES Government Solutions, Inc. |
| Special Temporary Authority | Grant of Authority | Date Effective: | 03/28/2019 |

| Class of Station: |

On March 28, 2019, SES Government Solutions, Inc. was granted special temporary authority for 30 days, beginning April 2, 2019, to operate its fixed earth station in Bristow, VA to communicate with the SES-15 satellite (S2951) at the 129.15° W.L. orbital location in the 14-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

| SES-STA-20190317-00360 | E7541 | Lockheed Martin Corporation |
| Special Temporary Authority | Grant of Authority | Date Effective: | 04/01/2019 |

| Class of Station: |
On April 1, 2019, Lockheed Martin Corporation was granted special temporary authority for 30 days, beginning April 1, 2019, to operate its fixed earth station in Carpentersville, NJ to provide command functions during the electric propulsion monitoring for the HellasSat 4/SaudiGeoSat 1 (HS4) satellite at the 39.0° E.L. orbital location in the 5927.25-5928.75 MHz and 6421.25-6422.75 MHz (Earth-to-space) frequency bands.

Points of Communication:

<table>
<thead>
<tr>
<th>SES–STA–20190321–00361</th>
<th>E020288</th>
<th>Globecomm License Sub LLC</th>
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<tbody>
<tr>
<td>Special Temporary Authority</td>
<td>Grant of Authority</td>
<td>Date Effective: 03/27/2019</td>
</tr>
</tbody>
</table>

Class of Station:

On March 27, 2019, Globecomm License Sub LLC was granted special temporary authority for 60 days, beginning March 31, 2019, to operate its 3.8-meter (GSM 15) and its 4.0-meter (GSM 16) fixed earth station antennas in Laurel, MD with the Galaxy 19 (S2647) satellite at the 97° W.L. orbital location, and the Telstar 12V (S2933) satellite at the 15° W.L. orbital location. Operations will be in the 13.75-14.5 GHz (Earth-to-space), and in the 10.95-11.2 and 11.45-12.75 GHz (space-to-Earth) frequency bands.

Points of Communication:

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Temporary Authority</td>
<td>Grant of Authority</td>
<td>Date Effective: 03/28/2019</td>
</tr>
</tbody>
</table>

Class of Station:

On March 28, 2019 ISAT US, Inc was granted special temporary authority for 60 days beginning March 28, 2019, to operate up to ten "GetSat" earth station terminal types: "MilliSat -W", "MilliSat-H", and "MilliSat". The terminals will operate as Earth Stations on Vessel with the Inmarsat-5 F2 satellite at the 55° W.L. orbital location and the Inmarsat-5 F3 satellite at the 179.6 E.L. orbital location in the 19.7-20.2 GHz (space-to-Earth) and 29.5-30 GHz (Earth-to-space) frequency bands.

Points of Communication:

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