Satellite Communications Services
re: Satellite Radio Applications Accepted For Filing

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

SES-ASG-20190311-00280  E  E940205  Escambia County School District
Application for Consent to Assignment
Current License:  Escambia County School District
FROM:  ESCAMBIA COUNTY SCHOOL DISTRICT
TO:  District Board of Trustees of Pensacola State College, Florida
No. of Station(s) listed: 1

SES-ASG-20190318-00341  E  E090152  Petrobras America, Inc.
Application for Consent to Assignment
Current License:  Petrobras America, Inc.
FROM:  Petrobras America, Inc.
TO:  Murphy Exploration & Production Company - USA
No. of Station(s) listed: 2

SES-LIC-20181011-03803  E  E190106  Educational Media Foundation
Application for Authority
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service
SITE ID:  1
LOCATION:  5700 West Oaks Blvd. (Revised), Placer, Rocklin, CA
38 ° 48 ' 56.70 " N LAT.
121 ° 16 ' 41.40 " W LONG.
ANTENNA ID:  (Revised)  4.5 meters  ASC / Andrew SIGNAL CORPORATION  ES45T-HW-1
3700.0000 - 4200.0000 MHz  100KG7W  Digital modulation of media content at varying data rates and FEC rates.
3700.0000 - 4200.0000 MHz  2M67G7W  Digital modulation of media content at varying data rates and FEC rates.
<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Power</th>
<th>Modulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>5925.0000 - 5930.2000 MHz</td>
<td>100KG7W</td>
<td>45.35 dBW</td>
</tr>
<tr>
<td>6019.5000 - 6024.1500 MHz</td>
<td>100KG7W</td>
<td>45.35 dBW</td>
</tr>
<tr>
<td>6044.1500 - 6108.1000 MHz</td>
<td>100KG7W</td>
<td>45.35 dBW</td>
</tr>
<tr>
<td>6137.7500 - 6211.8900 MHz</td>
<td>100KG7W</td>
<td>45.35 dBW</td>
</tr>
<tr>
<td>6301.1900 - 6425.0000 MHz</td>
<td>100KG7W</td>
<td>45.35 dBW</td>
</tr>
</tbody>
</table>

Points of Communication:

1 - PERMITTED LIST - ()

**SES-LIC-20190312-00333**

E190108

WML Services, LLC

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 820 First Street, N.W., Washington, DC

38 ° 54' 1.60 " N LAT. 77 ° 0' 29.40 " W LONG.

**ANTENNA ID:** Antenna 01

**Scientific Atlanta**

4.5 meters

8345

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Power</th>
<th>Modulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>11700.0000 - 12200.0000 MHz</td>
<td>36M0G7F</td>
<td>0.00 dBW</td>
</tr>
<tr>
<td>14000.0000 - 14500.0000 MHz</td>
<td>36M0G7F</td>
<td>68.30 dBW</td>
</tr>
</tbody>
</table>

Points of Communication:

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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

**Points of Communication:**

1 - PERMITTED LIST - ()

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

**Points of Communication:**

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

SITE ID: 1
LOCATION: 999 2ND STREET S.E. (WAHU), ALBEMARLE, CHARLOTTESVILLE, VA
38 ° 1 ' 25.30 " N LAT. 78 ° 29 ' 2.90 " 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 - ()

SES-MOD-20180606-01272  E100156 Fox Broadcasting Company
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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

SITE ID: 1
LOCATION: 101 LEE STREET, WASHINGTON, BRISTOL, VA
36 ° 35 ' 45.00 " N LAT. 82 ° 10 ' 53.50 " 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-20180606-01273  E000391 Fox Broadcasting Company
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Fox Broadcasting Company requests modification of its fixed earth station in Richmond, VA to change the existing antenna to a 4.5-meter antenna, add a second 4.5-meter antenna, and change the emission designators. This station will continue to communicate with Permitted List satellites in the 3700-4200 MHz (space-to-Earth) frequency band.
SITE ID: 1  
LOCATION: 1925 WESTMORELAND STREET, HENRICO, RICHMOND, VA  
37 ° 34 ' 47.10 " N LAT.  77 ° 29 ' 10.00 " 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-20180606-01274  E  E000387  Fox Broadcasting Company  
Application for Modification  
Class of Station: Fixed Earth Stations  
Nature of Service: Fixed Satellite Service  

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

SITE ID: 1  
LOCATION: 5020 W. AMELIA EARHART DRIVE, SALT LAKE, SALT LAKE CITY, UT  
40 ° 46 ' 37.80 " N LAT.  112 ° 0 ' 42.80 " 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-20180606-01275  E  E100162  Fox Broadcasting Company  
Application for Modification  
Class of Station: Fixed Earth Stations  
Nature of Service: Fixed Satellite Service  

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

SITE ID: 1  
LOCATION: 222 BOB BULLOCK ROAD, WEBB, LAREDO, TX  
27 ° 30 ' 1.80 " N LAT.  99 ° 25 ' 57.90 " W LONG.  

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

1 - PERMITTED LIST - ()

SES-MOD-20180606-01276  E  E070204  Fox Broadcasting Company
Application for Modification
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

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

SITE ID:  1
LOCATION:  50 NORTH MAIN STREET (WHSV), ROCKINGHAM, HARRISONBURG, VA
           38 ° 27 ’ 0.30 ” N LAT.  78 ° 52 ’ 5.20 ” 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-20180606-01277  E  E000426  Fox Broadcasting Company
Application for Modification
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

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

SITE ID:  1
LOCATION:  4335 NORTH WEST LOOP 410, BEXAR, SAN ANTONIO, TX
           29 ° 29 ’ 25.80 ” N LAT.  98 ° 34 ’ 10.80 ” 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-20180606-01289 € E000477 Fox Broadcasting Company
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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

SITE ID: 1
LOCATION: 1 BROADCAST WAY, WEXFORD, CADILLAC, MI
44° 13' 37.10" N LAT. 85° 22' 30.20" 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-20180606-01290 € E100148 Fox Broadcasting Company
Application for Modification
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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

SITE ID: 1
LOCATION: 9 BROADCAST PLAZA, HUDSON, SECAUCUS, NJ
40° 47' 43.10" N LAT. 74° 4' 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
GlobeCast America Incorporated requests modification of its fixed earth station in Culver City, CA that currently operates with Permitted list satellites in the 5925-6425 MHz (Earth-to-space) and 3700-4200 MHz (space-to-Earth) frequency bands to additional receive-only antennas in the 3700-4200 MHz (space-to-Earth) frequency band and to update the site coordinates.

**SITE ID:** 1  
**LOCATION:** 10525 W. WASHINGTON BLVD., LOS ANGELES, CULVER CITY, CA  
**LAT.:** 34° 1' 4.60" N  
**LONG.:** 118° 24' 15.90" W

**ANTENNA ID:** 1  
**SIZE:** 3.7 meters  
**TYPE:** ANDREW  
**MODEL:** ES37K-C  
**FREQUENCY:** 5925.0000 - 6425.0000 MHz  
**POWER:** 65.30 dBW  
**TYPE:** DIGITAL VIDEO CARRIER

**ANTENNA ID:** 3.0M.  
**SIZE:** 3 meters  
**TYPE:** GD SATCOM  
**MODEL:** 3 METER  
**FREQUENCY:** 3700.0000 - 4200.0000 MHz  
**POWER:** 36M0G7W  
**TYPE:** DIGITAL VIDEO CARRIER

**ANTENNA ID:** 4.5M.  
**SIZE:** 4.5 meters  
**TYPE:** PATRIOT  
**MODEL:** 4.5 METER  
**FREQUENCY:** 3700.0000 - 4200.0000 MHz  
**POWER:** 36M0G7W  
**TYPE:** DIGITAL VIDEO CARRIER

**Points of Communication:**

1. ANIK E1 - (118.7 W.L.)
2. ANIK E2 - (111.1 W.L.)
3. ANIK F1(S2745) - (107.3 W.L.)
4. PERMITTED LIST - ()
5. SATMEX-5 - (116.8 W.L.)
6. SOLIDARIDAD F-2 - (113.0 W.L.)

DG Consents Sub, Inc. requests modification of its current authorization to add a ViaSat 5.4m V8X-Y antenna to operate within the limits currently authorized for this station.
| SITE ID: | LOCATION: 3 MILE, CHENA HOT SPRINGS ROAD, NORTH STAR, FAIRBANKS, AK |
| DATRON/TRANSCO | 64 ° 53' 26.00" N LAT. 147 ° 31' 44.00" W LONG. |
| DATRON/TRANSCO | 7.3 meters |
| DATRON/TRANSCO | 8300 |
| DATRON/TRANSCO | 8025.0000 - 8345.0000 MHz |
| DATRON/TRANSCO | 370MG1D |
| DATRON/TRANSCO | QPSK, DATA |
| DATRON/TRANSCO | 8393.9705 - 8394.0295 MHz |
| DATRON/TRANSCO | 59K7G1D |
| DATRON/TRANSCO | QPSK, TELEMETRY |
| DATRON/TRANSCO | 8385.9400 - 8386.0600 MHz |
| DATRON/TRANSCO | 120KG1D |
| DATRON/TRANSCO | QPSK, TELEMETRY |
| DATRON/TRANSCO | 8380.0000 - 8380.0000 MHz |
| DATRON/TRANSCO | 5M80G7D |
| DATRON/TRANSCO | DIGITAL/TELEMETRY |
| DATRON/TRANSCO | 8345.9680 - 8346.0320 MHz |
| DATRON/TRANSCO | 64K0G1D |
| DATRON/TRANSCO | IMAGE DATA |
| DATRON/TRANSCO | 8135.0000 - 8285.0000 MHz |
| DATRON/TRANSCO | 150MG1D |
| DATRON/TRANSCO | QPSK, DATA |
| DATRON/TRANSCO | 8030.0000 - 8030.0000 MHz |
| DATRON/TRANSCO | 4M90G7D 0.00 dBW |
| DATRON/TRANSCO | Telemetry |
| DATRON/TRANSCO | 8025.0000 - 8400.0000 MHz |
| DATRON/TRANSCO | 375MG7D |
| DATRON/TRANSCO | DIGITAL/DATA/DOWNLINK |
| DATRON/TRANSCO | 8025.0000 - 8345.0000 MHz |
| DATRON/TRANSCO | 320MG7D 0.00 dBW |
| DATRON/TRANSCO | DATA |
| DATRON/TRANSCO | 2094.8960 - 2094.8960 MHz |
| DATRON/TRANSCO | 250KFXD 48.00 dBW |
| DATRON/TRANSCO | TT&C |
| DATRON/TRANSCO | 2094.8960 - 2094.8960 MHz |
| DATRON/TRANSCO | 1M32G1D 51.00 dBW |
| DATRON/TRANSCO | DIGITAL/TT&C |
| DATRON/TRANSCO | 2092.6000 - 2092.6000 MHz |
| DATRON/TRANSCO | NON 51.00 dBW |
| DATRON/TRANSCO | UNMODULATED CARRIER |
| DATRON/TRANSCO | 2092.6000 - 2092.6000 MHz |
| DATRON/TRANSCO | 1M32G1D 51.00 dBW |
| DATRON/TRANSCO | BPSK (TT&C) |
| DATRON/TRANSCO | 2085.6875 - 2085.6875 MHz |
| DATRON/TRANSCO | 250KFXD 48.00 dBW |
| DATRON/TRANSCO | TT&C |
| DATRON/TRANSCO | 2085.6875 - 2085.6875 MHz |
| DATRON/TRANSCO | 1M32G1D 51.00 dBW |
| DATRON/TRANSCO | DIGITAL/TT&C |
| DATRON/TRANSCO | 2052.0000 - 2052.0000 MHz |
| DATRON/TRANSCO | NON 51.00 dBW |
| DATRON/TRANSCO | UNMODULATED CARRIER |
| DATRON/TRANSCO | 2052.0000 - 2052.0000 MHz |
| DATRON/TRANSCO | 68K0G2D 51.00 dBW |
| DATRON/TRANSCO | BPSK (TT&C) |
| DATRON/TRANSCO | 2052.0000 - 2052.0000 MHz |
| DATRON/TRANSCO | 1M32G1D 51.00 dBW |
| DATRON/TRANSCO | BPSK (TT&C) |
| DATRON/TRANSCO | 2042.0000 - 2042.0000 MHz |
| DATRON/TRANSCO | NON 51.00 dBW |
| DATRON/TRANSCO | UNMODULATED CARRIER |
| DATRON/TRANSCO | 2042.0000 - 2042.0000 MHz |
| DATRON/TRANSCO | 68K0G2D 51.00 dBW |
| DATRON/TRANSCO | BPSK (TT&C) |

| SITE ID: | LOCATION: 3 MILE, CHENA HOT SPRINGS ROAD, NORTH STAR, FAIRBANKS, AK |
| DATRON/TRANSCO | 5.4 meters |
| DATRON/TRANSCO | VIASAT |
| DATRON/TRANSCO | V8X-Y |
| DATRON/TRANSCO | 2094.8960 - 2094.8960 MHz |
| DATRON/TRANSCO | 1M32G1D 53.60 dBW |
| DATRON/TRANSCO | DIGITAL/TT&C |
| DATRON/TRANSCO | 2085.6875 - 2085.6875 MHz |
| DATRON/TRANSCO | 1M32G1D 53.60 dBW |
| DATRON/TRANSCO | DIGITAL/TT&C |

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<thead>
<tr>
<th>Frequency Range</th>
<th>Modulation</th>
<th>Power Level</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2092.6000 - 2092.6000 MHz</td>
<td>NON</td>
<td>53.60 dBW</td>
<td>UNMODULATED CARRIER</td>
</tr>
<tr>
<td>2092.6000 - 2092.6000 MHz</td>
<td>1M32G1D</td>
<td>53.60 dBW</td>
<td>BPSK (TT&amp;C)</td>
</tr>
<tr>
<td>2052.0000 - 2052.0000 MHz</td>
<td>NON</td>
<td>53.60 dBW</td>
<td>UNMODULATED CARRIER</td>
</tr>
<tr>
<td>2042.0000 - 2042.0000 MHz</td>
<td>NON</td>
<td>53.60 dBW</td>
<td>UNMODULATED CARRIER</td>
</tr>
<tr>
<td>2094.8960 - 2094.8960 MHz</td>
<td>250KFXD</td>
<td>53.60 dBW</td>
<td>TT&amp;C</td>
</tr>
<tr>
<td>2085.6875 - 2085.6875 MHz</td>
<td>250KFXD</td>
<td>53.60 dBW</td>
<td>TT&amp;C</td>
</tr>
<tr>
<td>2052.0000 - 2052.0000 MHz</td>
<td>68K0G2D</td>
<td>53.60 dBW</td>
<td>BPSK (TT&amp;C)</td>
</tr>
<tr>
<td>2052.0000 - 2052.0000 MHz</td>
<td>1M32G1D</td>
<td>53.60 dBW</td>
<td>BPSK (TT&amp;C)</td>
</tr>
<tr>
<td>2042.0000 - 2042.0000 MHz</td>
<td>68K0G2D</td>
<td>53.60 dBW</td>
<td>BPSK (TT&amp;C)</td>
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<tr>
<td>8393.9705 - 8394.0295 MHz</td>
<td>59K7G1D</td>
<td>53.60 dBW</td>
<td>QPSK, TELEMETRY</td>
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<td>8385.9400 - 8386.0600 MHz</td>
<td>120KG1D</td>
<td>53.60 dBW</td>
<td>QPSK, TELEMETRY</td>
</tr>
<tr>
<td>8025.0000 - 8400.0000 MHz</td>
<td>375MG7D</td>
<td>53.60 dBW</td>
<td>DIGITAL/DATA/DOWNLINK</td>
</tr>
<tr>
<td>8345.9680 - 8346.0320 MHz</td>
<td>64K0G1D</td>
<td>53.60 dBW</td>
<td>IMAGE DATA</td>
</tr>
<tr>
<td>8380.0000 - 8380.0000 MHz</td>
<td>5M80G7D</td>
<td>53.60 dBW</td>
<td>DIGITAL/TELEMETRY</td>
</tr>
<tr>
<td>8135.0000 - 8285.0000 MHz</td>
<td>150MG1D</td>
<td>53.60 dBW</td>
<td>QPSK, DATA</td>
</tr>
<tr>
<td>8025.0000 - 8395.0000 MHz</td>
<td>370MG1D</td>
<td>53.60 dBW</td>
<td>QPSK, DATA</td>
</tr>
<tr>
<td>8030.0000 - 8030.0000 MHz</td>
<td>4M00G7D</td>
<td>53.60 dBW</td>
<td>Telemetry</td>
</tr>
<tr>
<td>8025.0000 - 8345.0000 MHz</td>
<td>320MG7D</td>
<td>53.60 dBW</td>
<td>DATA</td>
</tr>
</tbody>
</table>

Points of Communication:

1 - GeoEye 1 (S2348) - (NGSO)
1 - GeoEye 2 (S2348) - (NGSO)
1 - IKONOS (S2144) - (NGSO)
1 - QUICKBIRD 1 - (NGSO)
1 - WORLDVIEW-1(S2129) - (NGSO)
1 - WORLDVIEW-2(S2129) - (NGSO)
1 - WORLDVIEW-3 (S2129) - (NGSO)
UltiSat, Inc. request modification of its existing Ku-band earth stations aboard aircraft (ESAA) blanket license (Call Sign E181298) to add 250 SkyTech Model BB30Ku terminals to operate with U.S.-licensed satellites and non-U.S. licensed satellites on the Permitted List in the 14.0-14.5 GHz (Earth-to-space) and 10.95-11.2 GHz, 11.45-11.7 GHz and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

1 - PERMITTED LIST - ()
ANTENNA ID: Munro 3 meters AFC 3m Parabolic Dish

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW DIGITAL

Points of Communication:

BPA Munro - GALAXY 28 (S2160) - (89.0 W.L.)

BPA Munro - GALAXY 28 (S2160) - (89.0 W.L.)

SES-REG-20180716-02028  E181264 CCI SYSTEMS, INC.
Registration Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 8809 M117, Engadine, MI
46 ° 12' 31.32" N LAT. 85 ° 35' 43.80" W LONG.

ANTENNA ID: TBD 3.7 meters

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180716-02029  E181265 CCI SYSTEMS, INC.
Registration Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 11514 S Railroad St, Solon Springs, WI
46 ° 20' 31.92" N LAT. 91 ° 49' 15.96" W LONG.

ANTENNA ID: TBD 3.8 meters

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180717-02452  E181569 Sinclair Television of Fresno, LLC
Registration Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
<table>
<thead>
<tr>
<th>SITE ID</th>
<th>LOCATION</th>
<th>LOCATION</th>
<th>ANTEENNA ID</th>
<th>Points of Communication</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>49 Old Hickory Lane, Cambia, Johnstown, PA</td>
<td>40°17'42.00&quot;N LAT. 78°56'13.00&quot;W LONG.</td>
<td>5.0M. 5 meters Comtech 5.0M.</td>
<td>3700.0000 - 4200.0000 MHz 36M0G7W Digital various FEC, data rates and modulation</td>
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Points of Communication:

1 - PERMITTED LIST - ()

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<tr>
<th>Registration</th>
<th>Class of Station</th>
<th>Nature of Service</th>
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<tbody>
<tr>
<td>SES-REG-20180717-02480</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
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<th>SITE ID</th>
<th>LOCATION</th>
<th>LOCATION</th>
<th>ANTEENNA ID</th>
<th>Points of Communication</th>
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<tbody>
<tr>
<td>1</td>
<td>5228 Tanwax Blvd, Pierce, Eatonville, WA</td>
<td>46°55'45.40&quot;N LAT. 122°21'30.90&quot;W LONG.</td>
<td>4.5 meters SA 8345</td>
<td>3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Analog Video with associated subcarriers</td>
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Points of Communication:

1 - PERMITTED LIST - ()

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<th>ANTEENNA ID</th>
<th>Points of Communication</th>
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<tbody>
<tr>
<td>1</td>
<td>330 Wyoming Ave, Lackawanna, Scranton, PA</td>
<td>41°24'38.00&quot;N LAT. 75°39'44.00&quot;W LONG.</td>
<td>3.7 meters 1375-990</td>
<td>3700.0000 - 4200.0000 MHz 36M0G7W Digital Data, Audio, Video</td>
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Points of Communication:

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<td>SES-REG-20180719-02387</td>
<td>Fixed Earth Stations</td>
<td>Fixed Satellite Service</td>
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</table>
SITE ID: 1
LOCATION: 16925 BLACK ROCK ROAD, MONTGOMERY, GERMANTOWN, MD
39° 8' 4.50" N LAT. 77° 18' 13.30" W LONG.

ANTENNA ID: 3.7Vi 3.7 meters Viking Satcom 1374-990

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02388  E  E181508 Salem Communications Holding Corporation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: N of Clay Road at Noses Creek, Fulton, NOSES CREEK, GA
33° 50' 49.20" N LAT. 84° 38' 41.30" W LONG.

ANTENNA ID: 3.7Pr 3.7 meters Prodelin 1374-990

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02390  E  E181510 Salem Communications Holding Corporation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 415 N. MCKINLEY STREET, SUITE 700, PULASKI, LITTLE ROCK, AR
34° 45' 20.00" N LAT. 92° 20' 40.00" W LONG.

ANTENNA ID: 3.0D& 3 meters D&H D30F48-5.5

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180719-02391  E  E181511 Salem Communications Holding Corporation
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: 935 Lilac Drive, HENNEPIN, NORTH GOLDEN VALLEY, MN
44° 59' 19.00" N LAT. 93° 21' 4.00" W LONG.

ANTENNA ID: 3.8Co 3.8 meters Comtech 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180723–02371 E E181487 Western Kentucky University
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 18794 Henderson Rd (WKPB), Henderson, Owensboro, KY
37° 51' 6.60" N LAT. 87° 19' 44.00" W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter
3700.0000 - 4200.0000 MHz 10M3G7W DIGITAL

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180723–02372 E E181488 Western Kentucky University
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 100 Tower Rd (WDCL), Adair, Columbia, KY
37° 9' 32.00" N LAT. 85° 9' 46.10" W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter
3700.0000 - 4200.0000 MHz 10M3G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES–REG–20180723–02373 E E181489 Western Kentucky University
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service
SITE ID: 1
LOCATION: Pear Orchard Rd NW (WKUE), Hardin, Elizabethtown, KY
37° 44' 41.90" N LAT. 85° 53' 20.90" W LONG.

ANTENNA ID: Ant1 3.8 meters Comtech Antenna Systems 3.8 Meter

3700.0000 - 4200.0000 MHz 10M3G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180727-02374 E E181490 MID-WEST MANAGEMENT
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 944 Harlem St., Eau Claire, Altoona, WI
44° 48' 0.90" N LAT. 91° 27' 56.90" W LONG.

ANTENNA ID: 1 3.8 meters Patriot 3.8M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 2 3.7 meters Patriot 3.7M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

ANTENNA ID: 3 4.5 meters DH Satellite 4.5M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Multiplex Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180810-02375 E E181491 Cox Communications California, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1175 N Cuyamaca st., San Diego, EL CAJON, CA
32° 48’ 39.20” N LAT. 116° 58’ 43.70” W LONG.

ANTENNA ID: 5.0SC 5 meters SCIENTIFIC-ATLANTA, INC 8008 5.0 METER

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Video Carrier

Points of Communication:
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<td><strong>LOCATION:</strong></td>
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<td><strong>LAT.</strong></td>
<td>32° 48' 38.00&quot;</td>
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<td><strong>LONG.</strong></td>
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<td><strong>Frequency:</strong></td>
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<td><strong>Power:</strong></td>
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<td><strong>Service:</strong></td>
<td>Digital Video Carrier</td>
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<td><strong>Nature of Service:</strong></td>
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<td><strong>LOCATION:</strong></td>
<td>1175 N Cuyamaca st., San Diego, EL CAJON, CA</td>
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<td><strong>LAT.</strong></td>
<td>32° 48' 39.20&quot;</td>
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<td>116° 58' 43.90&quot;</td>
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<td><strong>Power:</strong></td>
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<td><strong>Service:</strong></td>
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<td><strong>SITE ID:</strong></td>
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<tr>
<td><strong>LOCATION:</strong></td>
<td>17 Journey, Orange, ALISO VIEJO, CA</td>
<td></td>
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<tr>
<td><strong>LAT.</strong></td>
<td>33° 33' 59.80&quot;</td>
<td></td>
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<tr>
<td><strong>LONG.</strong></td>
<td>117° 43' 40.00&quot;</td>
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<td><strong>Antenna Height:</strong></td>
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<td><strong>Power:</strong></td>
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**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

**SITE ID:** 1

**LOCATION:** 17 Journey, Orange, ALISO VIEJO, CA

**LAT:** 33° 34' 0.20" N

**LONG:** 117° 43' 40.70" W

**ANTENNA ID:** DH42GAE-8P

**Gain:** 0.00 dBW

**Frequency:** 3700.0000 - 4200.0000 MHz

**Carrier:** 36M0G7W

**Points of Communication:**

**SITE ID:** 1

**LOCATION:** 1175 N Cuyamaca st., San Diego, EL CAJON, CA

**LAT:** 32° 48' 38.10" N

**LONG:** 116° 58' 44.60" W

**ANTENNA ID:** 8010

**Gain:** 0.00 dBW

**Frequency:** 3700.0000 - 4200.0000 MHz

**Carrier:** 36M0G7W

**Points of Communication:**

**SITE ID:** 1

**LOCATION:** 17 Journey, Orange, ALISO VIEJO, CA

**LAT:** 33° 33' 59.60" N

**LONG:** 117° 43' 40.30" W

**ANTENNA ID:** 4.5SC

**Gain:** 0.00 dBW

**Frequency:** 3700.0000 - 4200.0000 MHz

**Carrier:** 36M0G7W

**Points of Communication:**

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1 - PERMITTED LIST - ()

**SES-REG-20180926-03794**  E190097  iHeartMedia + Entertainment, Inc., as debtor in possession

**Registration**

**Class of Station:** Fixed Earth Stations

**Nature of Service:** Fixed Satellite Service

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<th>LATITUDE</th>
<th>LONGITUDE</th>
<th>ANTENNA ID</th>
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<th>DIAmETER</th>
<th>AUTOCODE</th>
<th>FREQUENCY</th>
<th>POLARIZATION</th>
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<td>YNG-001</td>
<td>7461 SOUTH AVE, MAHONING, YOUNGSTOWN, OH</td>
<td>41° 1' 12.00&quot; N</td>
<td>80° 38' 1.00&quot; W</td>
<td>ANT1</td>
<td>3.8</td>
<td>meters</td>
<td>COMTECH</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<td>TOL-022</td>
<td>125 SOUTH SUPERIOR STREET LOT 494, LOT 1 &amp; 2 OF LOT 495, LUCAS, TOLEDO, OH</td>
<td>41° 38' 45.36&quot; N</td>
<td>83° 32' 25.70&quot; W</td>
<td>ANT1</td>
<td>3.8</td>
<td>meters</td>
<td>COMTECH</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<td>LAN-004</td>
<td>1685 CROWN AVE SUITE 100, LANCASTER, LANCASTER, PA</td>
<td>40° 3' 58.64&quot; N</td>
<td>76° 18' 5.64&quot; W</td>
<td>ANT1</td>
<td>3.7</td>
<td>meters</td>
<td>PRODELIN</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0G7W</td>
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<tr>
<td>ANC-009</td>
<td>800 EAST DIMOND BLVD SUITE 3-370, ANCHORAGE, ANCHORAGE, AK</td>
<td>61° 8' 0.56&quot; N</td>
<td>149° 52' 0.06&quot; W</td>
<td>ANT1</td>
<td>3.8</td>
<td>meters</td>
<td>PRODELIN</td>
<td>3700.0000 - 4200.0000 MHz</td>
<td>36M0GTW</td>
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<td>AUS-019</td>
<td>3601 S CONGRESS AVE BUILDING F, TRAVIS, AUSTIN, TX</td>
<td>30° 13' 35.20&quot; N</td>
<td>97° 45' 37.20&quot; W</td>
<td>ANT1</td>
<td>3.8</td>
<td>meters</td>
<td>COMTECH</td>
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3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  BAK-009
LOCATION:  1100 MOHAWK ST SUITE 280, KERN, BAKERSFIELD, CA
35 ° 21 ' 53.15 " N LAT.  119 ° 3 ' 53.21 " W LONG.

ANTENNA ID:  ANT1  3.7 meters  PRODELIN  1374

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  BPT-001
LOCATION:  2885 IH-10 EAST, JEFFERSON, BEAUMONT, TX
30 ° 5 ' 42.00 " N LAT.  94 ° 7 ' 57.00 " W LONG.

ANTENNA ID:  ANT1  3.8 meters  COMTECH  3.8m

3700.0000 - 4200.0000 MHz  36M0GTW

ANTENNA ID:  ANT2  3 meters  DAWNCO  C-BAND 3.0

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  PHL-018
LOCATION:  329 DOMINO LANE, PHILADELPHIA, PHILADELPHIA, PA
40 ° 2 ' 30.85 " N LAT.  75 ° 14 ' 21.00 " W LONG.

ANTENNA ID:  ANT1  3.8 meters  PATRIOT  3.8M

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  CRP-005
LOCATION:  501 TUPPER LANE, NUECES, CORPUS CHRISTI, TX
27 ° 44 ' 57.71 " N LAT.  97 ° 28 ' 19.64 " W LONG.

ANTENNA ID:  ANT1  3.8 meters  COMTECH  3.8m

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  DAL-024
LOCATION:  14001 NORTH DALLAS PKWY SUITE 300, DALLAS, DALLAS, TX
32 ° 56 ' 0.17 " N LAT.  96 ° 49 ' 0.38 " W LONG.

ANTENNA ID:  ANT1  3.8 meters  COMTECH  3.8

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  FAI-004
LOCATION:  546 9TH AVENUE, NORTH STAR, FAIRBANKS, AK
64 ° 50 ' 23.24 " N LAT.  147 ° 43 ' 7.84 " W LONG.

ANTENNA ID:  ANT1  3.7 meters  PRODELIN  1374-1375
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    FRS-001
LOCATION:  83 E SHAW AVE SUITE 150, FRESNO, FRESNO, CA
            36 ° 48 ’ 26.88 ” N LAT.               119 ° 47 ’ 18.54 ” W LONG.
ANTENNA ID: ANT1        3.8 meters  PATRIOT
            3700.0000 - 4200.0000 MHz 36M0GTW
ANTENNA ID: ANT2        3.7 meters  PRODELIN
            3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    BCS-003
LOCATION:  1716 BRIARCREST DR SUITE 150, BRAZOS, BRYAN, TX
            30 ° 39 ’ 9.00 ” N LAT.               96 ° 20 ’ 17.00 ” W LONG.
ANTENNA ID: ANT1        3.8 meters  COMTECH
            3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    PHL-016
LOCATION:  111 PRESIDENTIAL BLVD SUITE 100, BALA CYNWYD, BALA CYNWYD, PA
            40 ° 0 ’ 45.37 ” N LAT.               75 ° 12 ’ 47.52 ” W LONG.
ANTENNA ID: ANT1        3.8 meters  PATRIOT
            3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    REA-004
LOCATION:  1265 PERKIOMEN AVE, BERKS, READING, PA
            40 ° 19 ’ 55.93 ” N LAT.               75 ° 54 ’ 43.32 ” W LONG.
ANTENNA ID: ANT1        3.8 meters  PATRIOT
            3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    WPT-002
LOCATION:  1559 W 4TH STREET, LYCOMING, WILLIAMSPORT, PA
            41 ° 14 ’ 22.80 ” N LAT.               77 ° 2 ’ 24.10 ” W LONG.
ANTENNA ID: ANT1        3.8 meters  COMTECH
            3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID:    HOU-043
LOCATION:  2000 WEST LOOP SOUTH SUITE 300, HARRIS, HOUSTON, TX
            29 ° 44 ’ 47.00 ” N LAT.               95 ° 27 ’ 30.00 ” W LONG.
ANTENNA ID: ANT1        3.7 meters  GENERAL DYNAMICS
            3700.0000 - 4200.0000 MHz 1374
3700.0000 - 4200.0000 MHz  36M0GTW

ANTENNA ID:  ANT2  3 meters  GENERAL DYNAMICS  1304

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  FRS-006
LOCATION:  597 N ALTA AVE, TULARE, DINUBA, CA
36 ° 33 ’ 1.37 “ N LAT.  119 ° 23 ’ 43.93 “ W LONG.

ANTENNA ID:  ANT1  3.1 meters  PATRIOT  PRT310AZ

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  LVG-007
LOCATION:  2880-B MEADE AVE SUITE 250, CLARK, LAS VEGAS, NV
36 ° 8 ’ 14.19 “ N LAT.  115 ° 10 ’ 43.93 “ W LONG.

ANTENNA ID:  ANT1  3.8 meters  NSN  945 7080 10

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  LAX-074
LOCATION:  15260 VENTURA BLVD SUITE 500, LOS ANGELES, SHERMAN OAKS, CA
34 ° 9 ’ 12.31 “ N LAT.  118 ° 27 ’ 55.66 “ W LONG.

ANTENNA ID:  ANT1  3.8 meters  PRODELIN  1386

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  LAX-034
LOCATION:  3400 WEST OLIVE AVENUE SUITE 550, LOS ANGELES, BURBANK, CA
34 ° 9 ’ 12.12 “ N LAT.  118 ° 20 ’ 9.32 “ W LONG.

ANTENNA ID:  ANT1  3.7 meters  GENERAL DYNAMICS  1374-1375

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  MFE-005
LOCATION:  901 E PIKE BLVD, HIDALGO, WESLACO, TX
26 ° 10 ’ 16.16 “ N LAT.  97 ° 58 ’ 48.49 “ W LONG.

ANTENNA ID:  ANT1  3.8 meters  COMTECH  934D0015-G1

3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID:  ILE-005
LOCATION:  100 W CENTRAL TEXAS EXPRESSWAY, BELL, HARKER HEIGHTS, TX
31 ° 4 ’ 9.24 “ N LAT.  97 ° 40 ’ 13.08 “ W LONG.

ANTENNA ID:  ANT1  3.8 meters  COMTECH  3.8m

3700.0000 - 4200.0000 MHz  36M0GTW
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<th>LOCATION</th>
<th>LATITUDE</th>
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<td>MON-001</td>
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<td>POR-018</td>
<td>13333 SW 68TH PARKWAY SUITE 310, WASHINGTON, TIGARD, OR</td>
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<td>38 ° 36 ' 1.45 &quot; N</td>
<td>121 ° 26 ' 6.60 &quot; W</td>
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<td>MOD-016</td>
<td>2121 LANCEY DRIVE SUITE 1, STANISLAUS, MODESTO, CA</td>
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<td>120 ° 57 ' 29.00 &quot; W</td>
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<td>GAD-002</td>
<td>6510 WHORTON BEND ROAD, ETOWAH, GADSDEN, AL</td>
<td>33 ° 58 ' 44.30 &quot; N</td>
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<td>HSV-002</td>
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<td>34 ° 38 ' 7.25 &quot; N</td>
<td>86 ° 50 ' 46.90 &quot; W</td>
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<td>MOB-017</td>
<td>555 BROADCAST DR 3RD FLOOR, MOBILE, MOBILE, AL</td>
<td>30 ° 40 ' 17.68 &quot; N</td>
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<td>SAT-037</td>
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<td>29 ° 38 ' 1.24 &quot; N</td>
<td>98 ° 35 ' 54.50 &quot; W</td>
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SITE ID: BMH-014
LOCATION: 600 BEACON PARKWAY WEST SUITE 400, JEFFERSON, BIRMINGHAM, AL
33° 28' 42.50" N LAT. 86° 49' 13.50" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: MTG-003
LOCATION: 203 GUNN ROAD, MONTGOMERY, MONTGOMERY, AL
32° 22' 41.23" N LAT. 86° 12' 22.57" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: TCL-003
LOCATION: 3900 11TH AVE SOUTH, TUSCALOOSA, TUSCALOOSA, AL
33° 10' 32.50" N LAT. 87° 33' 15.80" W LONG.

ANTENNA ID: ANT1 3.7 meters GENERAL DYNAMICS 1374
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: AUO-001
LOCATION: 915 VETERANS PARKWAY, LEE, OPELIKA, AL
32° 39' 27.67" N LAT. 85° 25' 29.09" W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: JAX-046
LOCATION: 8000 BELFORT PARKWAY SUITE 100, DUVAL, JACKSONVILLE, FL
30° 14' 29.20" N LAT. 81° 34' 37.30" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SAT-041
LOCATION: 6222 NW IH-10, BEXAR, SAN ANTONIO, TX
29° 29' 4.76" N LAT. 98° 32' 32.61" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.7 meters PRODELIN 1375
3700.0000 - 4200.0000 MHz 36M0GTW
SITE ID: MIA-014
LOCATION: 7601 RIVIERA BLVD, BROWARD, MIRAMAR, FL
25° 58' 27.55" N LAT. 80° 14' 22.85" W LONG.

ANTENNA ID: ANT1 3.81 meters COMTECH 934D0015-G2
3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: ANT2 3.7 meters PRODELIN 1374
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SDI-032
LOCATION: 5706 OLD MEMORY LANE, SAN DIEGO, SAN DIEGO, CA
32° 43' 18.00" N LAT. 117° 4' 14.00" W LONG.

ANTENNA ID: ANT1 3.8 meters PATRIOT 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SDI-008
LOCATION: 9660 GRANITE RIDGE DRIVE, SAN DIEGO, SAN DIEGO, CA
32° 48' 26.00" N LAT. 117° 7' 16.65" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8
3700.0000 - 4200.0000 MHz 36M0GTW

ANTENNA ID: ANT2 3.8 meters COMTECH 3.8
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: SFO-006
LOCATION: 340 TOWNESEND STREET, SAN FRANCISCO, SAN FRANCISCO, CA
37° 46' 36.61" N LAT. 122° 23' 47.26" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8m
3700.0000 - 4200.0000 MHz 36M0GTW

SITE ID: MLB-002
LOCATION: 1388 SOUTH BABCOCK STREET, BREvard, MELBOURNE, FL
28° 5' 13.11" N LAT. 80° 37' 27.53" W LONG.

ANTENNA ID: ANT1 3.8 meters COMTECH 3.8M
3700.0000 - 4200.0000 MHz 36M0G7W

SITE ID: SKA-008
LOCATION: 808 E SPRAGUE AVE, SPOKANE, SPOKANE, WA
47° 39' 24.00" N LAT. 117° 23' 55.00" W LONG.
ANTENNA ID: ANT1 3.8 meters  COMTECH  934D0015-G1

SITE ID: SKA-017
LOCATION: 808 E SPRAGUE AVE LOTS 1-5, BLOCK 1 NOSLER'S ADDITION, SPOKANE, SPOKANE, WA
47° 39' 24.00" N LAT. 117° 23' 55.00" W LONG.

ANTENNA ID: ANT1 3.8 meters  COMTECH  934D0015-G1
3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID: ACT-002
LOCATION: 314 W HIGHWAY 6, MCLENNON, WACO, TX
31° 30' 50.76" N LAT. 97° 11' 45.54" W LONG.

ANTENNA ID: ANTI 3.8 meters  PRODELIN  1385
3700.0000 - 4200.0000 MHz  36M0G7W

ANTENNA ID: ANT2 3 meters  ANDREW  3
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: ORL-002
LOCATION: 2500 MAITLAND CENTER PARKWAY SUITE 401, ORANGE, MAITLAND, FL
28° 37' 59.87" N LAT. 81° 23' 42.57" W LONG.

ANTENNA ID: ANT1 3.8 meters  PRODELIN  1374
3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID: SEA-017
LOCATION: 645 ELLIOTT AVE WEST SUITE 400, KING, SEATTLE, WA
47° 37' 33.10" N LAT. 122° 22' 6.40" W LONG.

ANTENNA ID: ANT1 3.8 meters  PRODELIN  1374
3700.0000 - 4200.0000 MHz  36M0GTW

SITE ID: TMP-007
LOCATION: 1834 LISENBY AVE, BAY, PANAMA CITY, FL
30° 10' 54.83" N LAT. 85° 40' 59.93" W LONG.

ANTENNA ID: ANT1 3.7 meters  PRODELIN  1375
3700.0000 - 4200.0000 MHz  36M0G7W

SITE ID: SAR-011
LOCATION: 1779 INDEPENDENCE BLVD, SARASOTA, SARASOTA, FL
27° 22' 17.90" N LAT. 82° 32' 10.97" W LONG.

ANTENNA ID: ANT1 3.7 meters  PRODELIN  1374

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<td>24100 TISEO BLVD SUITE 10, CHARLOTTE, PORT CHARLOTTE, FL</td>
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<td>325 JOHN KNOX ROAD BUILDING G, LEON, TALLAHASSEE, FL</td>
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<td>81° 39' 40.87&quot; W</td>
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SITE ID: BAN-002  
LOCATION: 809 SOUTH WESTOVER BLVD, DOUGHERTY, ALBANY, GA  
31 ° 33 ' 6.60 " N LAT.  
84 ° 13 ' 30.70 " W LONG.  
ANTENNA ID: ANTI  
3.8 meters  
COMTECH  
3.8M  
3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: TPA-001  
LOCATION: 4002 GANDY BLVD, HILLSBOROUGH, TAMPA, FL  
27 ° 53 ' 32.97 " N LAT.  
82 ° 30 ' 40.16 " W LONG.  
ANTENNA ID: ANTI  
3.8 meters  
COMTECH  
934D0015-G1  
3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: AGS-010  
LOCATION: 2743 PERIMETER PARKWAY SUITE 300, RICHMOND, AUGUSTA, GA  
33 ° 29 ' 15.64 " N LAT.  
82 ° 5 ' 2.88 " W LONG.  
ANTENNA ID: ANTI  
3.8 meters  
COMTECH  
3.8M  
3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: CBS-014  
LOCATION: 1501 13TH AVE, MUSCOGEE, COLUMBUS, GA  
32 ° 28 ' 30.33 " N LAT.  
84 ° 58 ' 29.49 " W LONG.  
ANTENNA ID: ANTI  
3.4 meters  
PRODELIN  
1345  
3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: MCN-008  
LOCATION: 7080 INDUSTRIAL HWY, BIBB, MACON, GA  
32 ° 43 ' 33.00 " N LAT.  
83 ° 39 ' 30.00 " W LONG.  
ANTENNA ID: ANTI  
3.8 meters  
COMTECH  
3.8M  
3700.0000 - 4200.0000 MHz  
36M0G7W

SITE ID: HOG-004  
LOCATION: 154 BOONE DRIVE, COWETA, NEWNAN, GA  
33 ° 21 ' 57.57 " N LAT.  
84 ° 48 ' 40.64 " W LONG.  
ANTENNA ID: ANTI  
3.7 meters  
PRODELIN  
1375  
3700.0000 - 4200.0000 MHz  
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SITE ID: ATL-060  
LOCATION: 1819 PEACHTREE ROAD SUITE 700, FULTON, ATLANTA, GA  
33 ° 48 ' 16.30 " N LAT.  
84 ° 23 ' 34.70 " W LONG.
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<td>BNA-006</td>
<td>55 MUSIC SQUARE WEST, DAVIDSON, NASHVILLE, TN</td>
<td>36° 8' 52.14&quot; N</td>
<td>86° 47' 38.50&quot; W</td>
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<td>MEM-023</td>
<td>2650 THOUSAND OAKS BLVD SUITE 4100, SHELBY, MEMPHIS, TN</td>
<td>35° 4' 36.00&quot; N</td>
<td>89° 54' 4.00&quot; W</td>
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<td>JAC-004</td>
<td>1375 BEASLEY ROAD, HINDS, JACKSON, MS</td>
<td>32° 23' 0.00&quot; N</td>
<td>90° 11' 26.00&quot; W</td>
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<td>BRU-001</td>
<td>3833 US HIGHWAY 82, GLYNN, BRUNSWICK, GA</td>
<td>31° 9' 35.99&quot; N</td>
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<td>FCC CONTACT, BATON ROUGE, BATON ROUGE, LA</td>
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Page 31 of 39
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<tr>
<th>ANTENNA ID</th>
<th>MODEL</th>
<th>SIZE (Meters)</th>
<th>MANUFACTURER</th>
<th>ID</th>
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<td>SCIENTIFIC ATLANTA</td>
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<td>3700.0000 - 4200.0000</td>
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<td>ANT2</td>
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<td>3700.0000 - 4200.0000</td>
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<td>COMTECH</td>
<td>3700.0000 - 4200.0000</td>
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**Points of Communication:**

- ACT-002 - PERMITTED LIST - ()
- AGS-010 - PERMITTED LIST - ()
- ANC-009 - PERMITTED LIST - ()
- ATL-060 - PERMITTED LIST - ()
JAC-004 - PERMITTED LIST - ()
JAX-046 - PERMITTED LIST - ()
LAN-004 - PERMITTED LIST - ()
LAX-034 - PERMITTED LIST - ()
LAX-074 - PERMITTED LIST - ()
MEM-023 - PERMITTED LIST - ()
MFE-005 - PERMITTED LIST - ()
MIA-014 - PERMITTED LIST - ()
MLB-002 - PERMITTED LIST - ()
MOB-017 - PERMITTED LIST - ()
MOD-016 - PERMITTED LIST - ()
MON-001 - PERMITTED LIST - ()
MTG-003 - PERMITTED LIST - ()
NOL-002 - PERMITTED LIST - ()
NOR-001 - PERMITTED LIST - ()
ORL-002 - PERMITTED LIST - ()
ORL-051 - PERMITTED LIST - ()
PHL-016 - PERMITTED LIST - ()
PHL-018 - PERMITTED LIST - ()
PIB-013 - PERMITTED LIST - ()
PIT-007 - PERMITTED LIST - ()
POR-018 - PERMITTED LIST - ()
PRO-005 - PERMITTED LIST - ()
REA-004 - PERMITTED LIST - ()
RIV-010 - PERMITTED LIST - ()
ROA-002 - PERMITTED LIST - ()
ROA-021 - PERMITTED LIST - ()
SAC-016 - PERMITTED LIST - ()
SAR-011 - PERMITTED LIST - ()
SAT-037 - PERMITTED LIST - ()
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<th>Class of Station:</th>
<th>Fixed Earth Stations</th>
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<tbody>
<tr>
<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<table>
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<tr>
<th>Site ID:</th>
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<tr>
<td>Location:</td>
<td>11320 WCR 127, Midland, Midland, TX</td>
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<td></td>
<td>31 ° 54' 37.30&quot; N LAT.</td>
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<td></td>
<td>102 ° 13' 52.50&quot; W LONG.</td>
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<th>4.6M.</th>
<th>4.6 meters</th>
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<th>1514-39</th>
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<table>
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<th>P1-P5</th>
<th>3.8 meters</th>
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<table>
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<th>D1 &amp; D2</th>
<th>5 meters</th>
<th>DH Satellite</th>
<th>DH5</th>
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<tr>
<td></td>
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<td>36M0G7W</td>
<td>Digital Video Carrier</td>
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<td>ANTENNA ID</td>
<td>Diameter (m)</td>
<td>Antenna ID</td>
<td>Class</td>
<td>Carrier Range</td>
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<td>P6</td>
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<td>SES-REG-20181003-03788</td>
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<td>Nature of Service:</td>
<td>Fixed Satellite Service</td>
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<td>LOCATION:</td>
<td>730 N Summit St, Lucas, Toledo, OH</td>
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<tr>
<td>41° 39’ 18.80” N LAT.</td>
<td>83° 31’ 44.10” W LONG.</td>
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<td>3.7</td>
<td>DH</td>
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<td>ANTENNA ID:</td>
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<td>4.5</td>
<td>SSE</td>
<td>8345</td>
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<td>3700.0000 - 4200.0000 MHz</td>
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<td>ANTENNA ID:</td>
<td>19 &amp; 20</td>
<td>4.5</td>
<td>SSE</td>
<td>8345</td>
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<td>Prodelin</td>
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<td>ANTENNA ID:</td>
<td>7 &amp; 14</td>
<td>3.8</td>
<td>Comtech</td>
<td>3.8 Dual Axis</td>
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<td>ANTENNA ID:</td>
<td>17 &amp; 18</td>
<td>4.5</td>
<td>ASC Signal</td>
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Points of Communication:

1 - PERMITTED LIST - ()

**SES–REG–20181011–03789**

E190095  WTOL License Subsidiary, LLC
Registration
Class of Station:  Fixed Earth Stations
Nature of Service:  Fixed Satellite Service

SITE ID:  1
LOCATION:  730 N Summit St (WTOL TV TX), Lucas, Toledo, OH
41 ° 40 ’ 21.70 ” N LAT.  83 ° 22 ’ 47.67 ” W LONG.

ANTENNA ID:  1 & 4  7.3 meters  Scientific Atlanta  8010D

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

ANTENNA ID:  2 & 3  4.5 meters  Scientific Atlanta  8345

3700.0000 - 4200.0000 MHz  36M0G7W  Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

**SES–T/C–20190226–00189**

E060142  WJW License, LLC
Application for Consent to Transfer of Control
Current Licensee:  WJW License, LLC
FROM:  Shareholders of Tribune Media Company
TO:  Nexstar Media Group, Inc.
No. of Station(s) listed:  3

**SES–T/C–20190304–00229**

E000642  Cox Media Group Northeast, LLC
Application for Consent to Transfer of Control
Current Licensee:  Cox Media Group Northeast, LLC
FROM:  Cox Enterprises, Inc.
TO:  Terrier Media Buyer, Inc.
No. of Station(s) listed:  1

**SES–T/C–20190304–00230**

E060374  Cox Media Group Northeast, LLC
Application for Consent to Transfer of Control
Current Licensee:  Cox Media Group Northeast, LLC
FROM:  Cox Enterprises, Inc.
TO:  Terrier Media Buyer, Inc.
No. of Station(s) listed:  1

**SES–T/C–20190304–00231**

E870419  KIRO-TV, Inc.
Application for Consent to Transfer of Control
Current Licensee:  KIRO-TV, Inc.
FROM:  Cox Enterprises, Inc.
TO:  Terrier Media Buyer, Inc.
No. of Station(s) listed:  4
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<th>Application ID</th>
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<th>Current Licensee</th>
<th>FROM</th>
<th>TO</th>
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<td>SES-T/C-20190304-00233</td>
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<td>Shareholders of Tribune Media Company</td>
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For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.