



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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WASHINGTON D.C. 20554

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Report No. SES-02205

Wednesday October 2, 2019

Satellite Communications Services Information re: Actions Taken

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

| | | | | |
|---|-----------------------------|------------|---------------------------|--|
| SES-ASG-20190605-00679 E E110029 TEGNA Broadcast Holdings, LLC | | | | |
| Application for Consent to Assignment | | | | |
| Consummated | | | | Date Effective: 09/19/2019 |
| Current Licensee: Local TV Pennsylvania License, LLC | | | | |
| FROM: Local TV Pennsylvania License, LLC | | | | |
| TO: TEGNA Broadcast Holdings, LLC | | | | |
| | | | | No. of Station(s) listed: 3 |
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| SES-MOD-20181015-03663 E E060244 L3 IEC | | | | |
| Application for Modification | | | | |
| Grant of Authority | | | | 08/01/2006 - 08/01/2021 Date Effective: 09/30/2019 |
| Class of Station: Fixed Earth Stations | | | | |
| Nature of Service: Fixed Satellite Service | | | | |
| SITE ID: 1 | | | | |
| LOCATION: 531 I Avenue Building 531, VENTURA, CA | | | | |
| 34 ° 5 ' 53.34 " N LAT. | | | 119 ° 6 ' 48.02 " W LONG. | |
| <hr/> | | | | |
| ANTENNA ID: | 2 | 2.4 meters | Patriot | TX-FCC240KUS |
| | 14000.0000 - 14500.0000 MHz | 65K1G7D | 42.29 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation |
| | 14000.0000 - 14500.0000 MHz | 195KG7D | 47.06 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation |

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|-----------------------------|------------|--------------|--|
| 14000.0000 - 14500.0000 MHz | 521KG7D | 51.32 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation |
| 14000.0000 - 14500.0000 MHz | 781KG1F | 53.08 dBW | QPSK - Composite Video feed; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation |
| 11700.0000 - 12200.0000 MHz | 65K1G7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 195KG7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 521KG7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 781KG1F | 0.00 dBW | QPSK - Composite Video feed |
| ANTENNA ID: 1 | 2.4 meters | Patriot | TX-FCC240KUS |
| 14000.0000 - 14500.0000 MHz | 781KG1F | 53.08 dBW | QPSK - Composite Video feed; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation |
| 14000.0000 - 14500.0000 MHz | 521KG7D | 51.32 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation. |
| 14000.0000 - 14500.0000 MHz | 65K1G7D | 42.29 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation. |
| 14000.0000 - 14500.0000 MHz | 195KG7D | 47.06 dBW | QPSK - Digital Data; E48 data obtained using SATMASTER PRO; See attachment for E49 calculation. |
| 11700.0000 - 12200.0000 MHz | 65K1G7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 195KG7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 521KG7D | 0.00 dBW | QPSK - Digital Data |
| 11700.0000 - 12200.0000 MHz | 781KG1F | 0.00 dBW | QPSK - Composite Video feed |
| ANTENNA ID: 3 | 2.4 meters | NORSAT INT'L | SIGNALONK1.0 |
| 14000.0000 - 14500.0000 MHz | 4M96G7W | 61.24 dBW | DIGITAL TRAFFIC WITH VARIOUS DATA RATES, FEC, AND INFORMATON TYPES |
| 14000.0000 - 14500.0000 MHz | 64K0G7W | 47.24 dBW | DIGITAL TRAFFIC WITH VARIOUS DATA RATES, FEC, AND INFORMATON TYPES |
| 11700.0000 - 12200.0000 MHz | 4M96G7W | 0.00 dBW | DIGITAL TRAFFIC WITH VARIOUS DATA RATES, FEC, AND INFORMATON TYPES |

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|-----------------------------|---------|----------|--|
| 11700.0000 - 12200.0000 MHz | 64K0G7W | 0.00 dBW | DIGITAL TRAFFIC WITH VARIOUS DATA RATES, FEC, AND INFORMATON TYPES |
|-----------------------------|---------|----------|--|

Points of Communication:

1 - PERMITTED LIST - ()

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|-------------------------------|-----------|--------|----------------------------|
| SES-MOD-20181015-03665 | E E080231 | L3 IEC | 12/30/2008 - 12/30/2023 |
| Application for Modification | | | Date Effective: 09/26/2019 |
| Grant of Authority | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 10400 PHILIPS PARKWAY BUILDING 18900, BREVARD, CAPE CANAVERAL AFB, FL
28 ° 23 ' 48.61 " N LAT. 80 ° 36 ' 20.37 " W LONG.

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|-----------------------------|----------|------------|---------|-----------|---|
| ANTENNA ID: | MOC East | 3.8 meters | PATRIOT | 380AZ | |
| 14000.0000 - 14500.0000 MHz | | | 64K0G7W | 51.54 dBW | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 14000.0000 - 14500.0000 MHz | | | 4M96G7W | 64.54 dBW | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 11700.0000 - 12200.0000 MHz | | | 64K0G7W | | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 11700.0000 - 12200.0000 MHz | | | 4M96G7W | | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| ANTENNA ID: | MOC West | 3.8 meters | PATRIOT | 380AZ | |
| 14000.0000 - 14500.0000 MHz | | | 64K0G7W | 51.54 dBW | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 14000.0000 - 14500.0000 MHz | | | 4M96G7W | 64.54 dBW | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 11700.0000 - 12200.0000 MHz | | | 64K0G7W | | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |
| 11700.0000 - 12200.0000 MHz | | | 4M96G7W | | Digital Traffic, Various Data Rates, Various FEC, Various Information Types |

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03666 E E060131 L3 IEC

Application for Modification
Grant of Authority

07/31/2006 - 07/31/2021
Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1062 Pier Road, Brevard, Cape Canaveral, FL
28 ° 26 ' 2.07 " N LAT.

80 ° 35 ' 5.12 " W LONG.

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|-----------------------------|---|------------|-----------|---|
| ANTENNA ID: | 1 | 2.4 meters | Patriot | TXFCC240KUS |
| 14000.0000 - 14500.0000 MHz | | 4M96G7W | 61.64 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 14000.0000 - 14500.0000 MHz | | 64K0G7W | 47.60 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 11700.0000 - 12200.0000 MHz | | 4M96G7W | | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 11700.0000 - 12200.0000 MHz | | 64K0G7W | | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20181015-03681 E E020160 L3 IEC

Application for Modification
Grant of Authority

03/15/2007 - 03/15/2022
Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Earth Stations on-board Vessels, Fixed Satellite Service

SITE ID: LASS

LOCATION: #6 POSEIDON PIER, BREVARD, CAPE CANAVERAL, FL

| | | | | |
|-----------------------------|------|----------|-----------|-----------------------------|
| ANTENNA ID: | 8297 | 2 meters | SEA TEL | 8297/TR |
| 14000.0000 - 14500.0000 MHz | | 195KG7D | 48.02 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | | 521KG7D | 52.28 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | | 65K1G7D | 43.25 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | | 781KG1F | 54.02 dBW | QPSK - COMPOSITE VIDEO FEED |
| 11700.0000 - 12200.0000 MHz | | 195KG7D | | QPSK - DIGITAL DATA |

| | | | |
|-----------------------------|------------|-----------|-----------------------------|
| 11700.0000 - 12200.0000 MHz | 521KG7D | | QPSK - DIGITAL DATA |
| 11700.0000 - 12200.0000 MHz | 65K1G7D | | QPSK - DIGITAL DATA |
| 11700.0000 - 12200.0000 MHz | 781KG1F | | QPSK - COMPOSITE VIDEO FEED |
| ANTENNA ID: 9997 | 2.4 meters | SEA TEL | 9997/TR |
| 14000.0000 - 14500.0000 MHz | 195KG7D | 48.02 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 521KG7D | 52.28 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 65K1G7D | 43.24 dBW | QPSK - DIGITAL DATA |
| 14000.0000 - 14500.0000 MHz | 781KG7D | 54.04 dBW | QPSK - COMPOSITE VIDEO FEED |
| 11700.0000 - 12200.0000 MHz | 195KG7D | | QPSK - DIGITAL DATA |
| 11700.0000 - 12200.0000 MHz | 521KG7D | | QPSK - DIGITAL DATA |
| 11700.0000 - 12200.0000 MHz | 65K1G7D | | QPSK - DIGITAL DATA |
| 11700.0000 - 12200.0000 MHz | 781KG1F | | QPSK - COMPOSITE VIDEO FEED |

SITE ID: USNS WATERS
LOCATION: #6 POSEIDON PIER (HUB) 1.5M., BREVARD, CAPE CANAVERAL (AFB), FL
28 ° 24 ' 28.94 " N LAT. 80 ° 35 ' 20.71 " W LONG.

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|-----------------------------|------------|---------------|---|
| ANTENNA ID: ANT-PORT | 1.5 meters | COBHAM SEATEL | 6009 |
| 14000.0000 - 14500.0000 MHz | 4M96G7W | 61.10 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 14000.0000 - 14500.0000 MHz | 64K0G7W | 43.10 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 11700.0000 - 12200.0000 MHz | 4M96G7W | | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 11700.0000 - 12200.0000 MHz | 64K0G7W | | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| ANTENNA ID: ANT-STARB | 1.5 meters | COBHAM SEATEL | 6009 |
| 14000.0000 - 14500.0000 MHz | 4M96G7W | 61.10 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
| 14000.0000 - 14500.0000 MHz | 64K0G7W | 43.10 dBW | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |

| | | |
|-----------------------------|---------|---|
| 11700.0000 - 12200.0000 MHz | 4M96G7W | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
|-----------------------------|---------|---|

| | | |
|-----------------------------|---------|---|
| 11700.0000 - 12200.0000 MHz | 64K0G7W | DIGITAL TRAFFIC, VARIOUS DATA RATES, VARIOUS FEC, VARIOUS INFORMATION TYPES |
|-----------------------------|---------|---|

Points of Communication:

LASS - PERMITTED LIST - ()

USNS WATERS - PERMITTED LIST - ()

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|-------------------------------|-----------|-------------------------|----------------------------|
| SES-MOD-20181030-03723 | E E070069 | GCI Communication Corp. | |
| Application for Modification | | | 05/21/2007 - 05/21/2022 |
| Grant of Authority | | | Date Effective: 09/24/2019 |

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Gustavus, AK

58 ° 25 ' 6.70 " N LAT.

135 ° 42 ' 28.20 " W LONG.

ANTENNA ID: 1 3.8 meters Patriot TXINT-380AZ

| | | | |
|---------------------------|----------|-----------|--|
| 5925.0000 - 6425.0000 MHz | 45K0G7W- | 48.11 dBW | Phase modulated voice, video, and data services. |
|---------------------------|----------|-----------|--|

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|---------------------------|---------|-----------|--|
| 5925.0000 - 6425.0000 MHz | 108MG7W | 72.32 dBW | Phase modulated voice, video, and data services. |
|---------------------------|---------|-----------|--|

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|---------------------------|----------|-----------|--|
| 5925.0000 - 6425.0000 MHz | 45K0D7W- | 48.11 dBW | Phase and amplitude modulated voice, video, and data service |
|---------------------------|----------|-----------|--|

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|---------------------------|---------|-----------|--|
| 5925.0000 - 6425.0000 MHz | 108MD7W | 72.32 dBW | Phase and amplitude modulated voice, video, and data service |
|---------------------------|---------|-----------|--|

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|---------------------------|----------|----------|--|
| 3700.0000 - 4200.0000 MHz | 45K0G7W- | 0.00 dBW | Phase modulated voice, video, and data services. |
|---------------------------|----------|----------|--|

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|---------------------------|---------|--|--|
| 3700.0000 - 4200.0000 MHz | 108MG7W | | Phase modulated voice, video, and data services. |
|---------------------------|---------|--|--|

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|---------------------------|----------|--|--|
| 3700.0000 - 4200.0000 MHz | 45K0D7W- | | Phase and amplitude modulated voice, video, and data service |
|---------------------------|----------|--|--|

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|---------------------------|---------|--|--|
| 3700.0000 - 4200.0000 MHz | 108MD7W | | Phase and amplitude modulated voice, video, and data service |
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04257 E E190588 Buford Satellite Systems. L.P.
Registration 09/05/2018 - 09/05/2033
Grant of Authority Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 2725 North Hwy. 50, Johnson, Tecumseh, NE
40 ° 24 ' 0.63 " N LAT. 96 ° 10 ' 5.88 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04258 E E190589 Buford Satellite Systems. L.P.
Registration 09/06/2018 - 09/06/2033
Grant of Authority Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 701 Sanderson Road, Norfolk, Chesapeake, VA
36 ° 36 ' 34.47 " N LAT. 76 ° 11 ' 1.68 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04259 E E190590 Buford Satellite Systems. L.P.
Registration 09/06/2018 - 09/06/2033
Grant of Authority Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: State Route 629, Buchanan, Oakwood, VA

37 ° 13 ' 20.59 " N LAT.

81 ° 58 ' 46.53 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04260 E E190591 Buford Satellite Systems. L.P.

Registration

09/06/2018 - 09/06/2033

Grant of Authority

Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 329 Delbrook Lane, Grayson, Independence, VA

36 ° 36 ' 55.25 " N LAT.

81 ° 7 ' 29.93 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: 2 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04261 E E190592 Buford Satellite Systems. L.P.

Registration

09/06/2018 - 09/06/2033

Grant of Authority

Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 110 Wright Street, Smyth, Marion, VA

36 ° 49 ' 50.06 " N LAT.

81 ° 30 ' 27.66 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin Unk

3700.0000 - 4200.0000 MHz 36M0G7W

1 - PERMITTED LIST - ()

SES-REG-20180910-04274 E E190605 Benny Carle Broadcasting, Inc.
Registration 09/10/2018 - 09/10/2033
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 525 East Tennessee Street, Laurderdale, Florence, AL
34 ° 48 ' 11.50 " N LAT. 87 ° 40 ' 11.30 " W LONG.

ANTENNA ID: One 4.5 meters Prodelin / General Dynamics 1451
3700.0000 - 4200.0000 MHz 36M0G7W Digital modulation of media content at
varying data rates and FEC

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04275 E E190606 Buford Satellite Systems. L.P.
Registration 09/06/2018 - 09/06/2033
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 18155 A.L. Philpott Hwy. (Patrick Henry #28), Henry, Ridgeway, VA
36 ° 37 ' 22.27 " N LAT. 79 ° 57 ' 20.52 " W LONG.

ANTENNA ID: Patrickhe1 3.7 meters Prodelin Unk
3700.0000 - 4200.0000 MHz 36M0G7W NULL

ANTENNA ID: Patrickhe2 3.7 meters Prodelin Unk
3700.0000 - 4200.0000 MHz 36M0G7W NULL

ANTENNA ID: Patrickhe3 3.7 meters Prodelin Unk
3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180910-04276 E E190607 Gray Television Licensee, LLC
Registration 09/10/2018 - 09/10/2033
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: KSTF
LOCATION: 3385 N. 10th Street, Gering, NE
41 ° 50 ' 41.53 " N LAT. 103 ° 39 ' 39.48 " W LONG.

ANTENNA ID: KSTF 1 3 meters Antennas for Communications PR-10

3700.0000 - 4200.0000 MHz 36M0G7W NULL

ANTENNA ID: KSTF 2 3 meters Prodelin Antennas 1304

3700.0000 - 4200.0000 MHz 36M0G7W NULL

Points of Communication:

KSTF - PERMITTED LIST - ()

SES-REG-20180911-04310 E E190629 Michigan Cable Partners, Inc.
Registration 09/11/2018 - 09/11/2033
Grant of Authority Date Effective: 09/24/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1394 Newell Street, Newaygo, White Cloud, MI
43 ° 32 ' 59.00 " N LAT. 85 ° 46 ' 10.00 " W LONG.

ANTENNA ID: 1 3.8 meters Patroit 3.8 Commercial Anten

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

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180911-04312 E E190631 Consolidated Communications Enterprise Services, Inc.
Registration 09/11/2018 - 09/11/2033
Grant of Authority Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA
46 ° 56 ' 25.99 " N LAT. 122 ° 36 ' 19.37 " W LONG.

ANTENNA ID: 1 5.2 meters ATCI Simulsat 5
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180911-04313 E E190632 Consolidated Communications Enterprise Services, Inc.
Registration 09/11/2018 - 09/11/2033
Grant of Authority Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA
40 ° 37 ' 58.55 " N LAT. 79 ° 57 ' 6.11 " W LONG.

ANTENNA ID: 1 4.5 meters ATCI SS5 Simulsat
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180911-04315 E E190634 Consolidated Communications Enterprise Services, Inc.
Registration 09/11/2018 - 09/11/2033
Grant of Authority Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 5411 Luce Avenue McClellan, USA, Sacramento, CA
46 ° 59 ' 5.45 " N LAT. 120 ° 25 ' 4.35 " W LONG.

ANTENNA ID: 1 3.7 meters Prodelin 1374
3700.0000 - 4200.0000 MHz 36M0G7W Analog and digital video

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20180912-04318 E E190637 Lake Superior Community Broadcasting Corporation
 Registration 09/10/2018 - 09/10/2033
 Grant of Authority Date Effective: 09/30/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1705 Ash St. Ste 5, Ishpeming, MI
 46 ° 30 ' 26.00 " N LAT.

87 ° 39 ' 57.00 " W LONG.

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|-------------|---------------------------|------------|---------------|--------------|
| ANTENNA ID: | 1 | 3.8 meters | Patriot | PRT380 |
| | 3700.0000 - 4200.0000 MHz | | 30K0G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 100KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 500KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 850KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 1M00G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 10M0G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 36M0G7W | DVBS-2, QPSK |
| ANTENNA ID: | 2 | 3.1 meters | Patriot | PRT310 |
| | 3700.0000 - 4200.0000 MHz | | 30K0G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 100KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 500KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 850KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 1M00G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 10M0G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 36M0G7W | DVBS-2, QPSK |
| ANTENNA ID: | 3 | 3.4 meters | Viking Satcom | VS-340NAV |
| | 3700.0000 - 4200.0000 MHz | | 30K0G7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 100KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 500KG7W | DVBS-2, QPSK |
| | 3700.0000 - 4200.0000 MHz | | 850KG7W | DVBS-2, QPSK |

| | | |
|---------------------------|---------|--------------|
| 3700.0000 - 4200.0000 MHz | 1M00G7W | DVBS-2, QPSK |
| 3700.0000 - 4200.0000 MHz | 10M0G7W | DVBS-2, QPSK |
| 3700.0000 - 4200.0000 MHz | 36M0G7W | DVBS-2, QPSK |

Points of Communication:

1 - PERMITTED LIST - ()

| | | | |
|-------------------------------|-----------|--------------------------------|----------------------------|
| SES-REG-20181016-04242 | E E190568 | Universal Cable Holdings, Inc. | 06/16/2018 - 06/16/2033 |
| Registration | | | Date Effective: 09/30/2019 |
| Grant of Authority | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 16048 BusinessI-40, Wheeler, Shamrock, TX
 35 ° 13 ' 12.78 " N LAT. 100 ° 13 ' 43.93 " W LONG.

ANTENNA ID: 1 3.8 meters COMTECH ANTENNA SYSTEMS 3.8 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

| | | | |
|-------------------------------|-----------|------------------------|----------------------------|
| SES-RWL-20190905-01145 | E E040404 | NPG of California, LLC | 10/14/2019 - 10/14/2034 |
| Renewal | | | Date Effective: 09/26/2019 |
| Grant of Authority | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

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 - ()

SES-RWL-20190905-01146 E E040424 Gulf-California Broadcast Company
Renewal 11/04/2019 - 11/04/2034
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 42-650 MELANIE PLACE (KESQTV), RIVERSIDE, PALM DESERT, CA
 33 ° 44 ' 18.00 " N LAT. 116 ° 21 ' 8.00 " W LONG.

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

 3700.0000 - 4200.0000 MHz 36M0G7F COMPRESSED DIGITAL VIDEO

 3700.0000 - 4200.0000 MHz 36M0F3F STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190905-01147 E E040439 NPG of Texas, L.P.
Renewal 11/15/2019 - 11/15/2034
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 4140 RIO BRAVO (KVIA), EL PASO, EL PASO, TX
 31 ° 47 ' 36.60 " N LAT. 106 ° 30 ' 45.80 " W LONG.

ANTENNA ID: 7.3M. 7.3 meters ANDREW CORPORATION ESA73-46

 3700.0000 - 4200.0000 MHz 36M0G7F COMPRESSED DIGITAL VIDEO

 3700.0000 - 4200.0000 MHz 36M0F3F STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190910-01152 E E8021 Cable One, Inc.
Renewal 11/30/2019 - 11/30/2034
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: BECKHAM, ELK CITY, OK
35 ° 25 ' 0.00 " N LAT. 99 ° 25 ' 49.00 " W LONG.

ANTENNA ID: 1 4.6 meters SCIENTIFIC ATLANTA 8005CS
3700.0000 - 4200.0000 MHz 36000F9

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190911-01155 E E040443 Discovery Productions Group, Inc.
Renewal 11/19/2019 - 11/19/2034
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 45580 TERMINAL DRIVE, LOUDOUN, STERLING, VA
38 ° 59 ' 11.40 " N LAT. 77 ° 25 ' 27.70 " W LONG.

ANTENNA ID: 1 4.5 meters PATRIOT ANTENNA SYSTEMS 4.5METER
3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL VIDEO, AUDIO, AND DATA
3700.0000 - 4200.0000 MHz 4M00G7W - DIGITAL VIDEO, AUDIO, AND DATA
3700.0000 - 4200.0000 MHz 36M0F8W ANALOG VIDEO WITH ASSOCIATED
AUDIO SUBCARRIERS

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190912-01156 E E7633 Scripps Broadcasting Holdings LLC
Renewal 09/14/2019 - 09/14/2034
Grant of Authority Date Effective: 09/26/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3701 S. PEORIA AVE, TULSA, TULSA, OK
36 ° 6 ' 33.90 " N LAT. 95 ° 58 ' 30.50 " W LONG.

ANTENNA ID: 1 6 meters D&M ADM-20
3700.0000 - 4200.0000 MHz 36M0G7W Digital Multiplex Carrier

ANTENNA ID: 2 3.8 meters PATRIOT PR-380

| | | |
|---------------------------|------------|---------------------------|
| 3700.0000 - 4200.0000 MHz | 36M0G7W | Digital Multiplex Carrier |
| ANTENNA ID: 3 | 4.5 meters | SUPERIOR SATELLITE 8345 |
| 3700.0000 - 4200.0000 MHz | 36M0G7W | Digital Multiplex Carrier |
| ANTENNA ID: 4 | 2.4 meters | PRODELIN 2.4M |
| 3700.0000 - 4200.0000 MHz | 36M0G7W | Digital Multiplex Carrier |

Points of Communication:

1 - PERMITTED LIST - ()

| | | | |
|-------------------------------|-----------|----------------------------|----------------------------|
| SES-RWL-20190918-01163 | E E040457 | Cebridge Acquisition, L.P. | 12/10/2019 - 12/10/2034 |
| Renewal | | | Date Effective: 09/26/2019 |
| Grant of Authority | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 3219 Wood Springs, CRAIGHEAD, JONESBORO, AR
35 ° 48 ' 19.00 " N LAT. 90 ° 45 ' 27.00 " W LONG.

| | | | |
|---------------------------|----------|---------------------|--------------|
| ANTENNA ID: 1 | 5 meters | ANTENNA TECH. CORP. | SIMULSAT 5M. |
| 3700.0000 - 4200.0000 MHz | 36M0F8W | ANALOG AND DIGITAL | |

Points of Communication:

1 - PERMITTED LIST - ()

| | | | |
|-------------------------------|-----------|-----------------------------------|----------------------------|
| SES-RWL-20190923-01184 | E E040400 | Scripps Broadcasting Holdings LLC | 10/13/2019 - 10/13/2034 |
| Renewal | | | Date Effective: 10/01/2019 |
| Grant of Authority | | | |

Class of Station: Fixed Earth Stations

Nature of Service: Domestic Fixed Satellite Service

SITE ID: 1
LOCATION: 321- 21ST. STREET (KERO-TV), KERN, BAKERSFIELD, CA
35 ° 22 ' 40.00 " N LAT. 119 ° 0 ' 23.00 " W LONG.

| | | | |
|---------------------------|------------|--|-----------|
| ANTENNA ID: 4.5M. | 4.5 meters | ANDREW CORPORATION | ESA45-46A |
| 3700.0000 - 4200.0000 MHz | 36M0G7F | DIGITAL TRAFFIC | |
| 3700.0000 - 4200.0000 MHz | 36M0F3F | STANDARD VIDEO WITH ASSOCIATED AUDIO SUBCARRIERS | |

Points of Communication:

1 - PERMITTED LIST - ()

SES-RWL-20190923-01185 E E040402 Scripps Broadcasting Holdings LLC
Renewal 10/13/2019 - 10/13/2034
Grant of Authority Date Effective: 10/01/2019

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4600 AIR WAY, SAN DIEGO, SAN DIEGO, CA
32 ° 43 ' 11.90 " N LAT.

117 ° 5 ' 51.90 " W LONG.

ANTENNA ID: 1 5.5 meters SATCOM 551KS-100

3700.0000 - 4200.0000 MHz 36M0G7W DIGITAL MULTIPLEX CARRIER

Points of Communication:

1 - PERMITTED LIST - ()

SES-STA-20190826-01103 E E940007 Comcast Cable Communications Management, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/27/2019

Class of Station:

On September 27, 2019, Comcast Cable Communications Management, LLC was granted special temporary authority for 60 days, beginning September 27, 2019, to operate its fixed earth station in Littleton, CO to communicate with the following satellites at their permanent orbital locations: AMC 6 (S2347), AMC 8 (S2379), AMC 11 (S2433), AMC 18 (S2713), Anik F1R (S2674), Anik F2 (S2646), Anik F3 (S2703), Arsat 2 (S2956), Galaxy 23 (S2592), Eutelsat 113 West A (S2695), Eutelsat 115 West B (S2938), Eutelsat 117 West A (S2873), Galaxy 3C (S2381), Galaxy 13 (S2386), Galaxy 14 (S2385), Galaxy 15 (S2387), Galaxy 16 (S2687), Galaxy 17 (S2715), Galaxy 18 (S2733), Galaxy 19 (S2647), Galaxy 28 (S2160), SES-1 (S2807), SES-2 (S2826), SES-3 (S2892), and Star One C1 (S2677) in the 5945-6425 MHz (Earth-to-space) frequency band.

Points of Communication:

SES-STA-20190828-01117 E E930489 Comcast Cable Communications Management, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/30/2019

Class of Station:

On September 30, 2019, Comcast Cable Communications Management, LLC ("Comcast") is granted Special Temporary Authorization for 60 days to operate its licensed fixed Ku-band Transmit-Only satellite earth station located at geographic coordinates 39° 30' 50"N, 105° 01' 30.5" W in Littleton, CO with the listed satellites at their permanent orbital location in the frequency band 14000-14500 MHz (Earth-to-space).

Points of Communication:

SES-STA-20190828-01118 E E940006 Comcast Cable Communications Management, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/27/2019

Class of Station:

On September 27, 2019, Comcast Cable Communications Management, LLC was granted special temporary authority for 60 days, beginning September 27, 2019, to operate its fixed earth station in Littleton, CO to communicate with the following satellites at their permanent orbital locations: AMC 6 (S2347), AMC 8 (S2379) , AMC 11 (S2433), AMC 18 (S2713), Anik F1R (S2674), Anik F2 (S2646), Anik F3 (S2703), Arsat 2 (S2956), Galaxy 23 (S2592), Eutelsat 113 West A (S2695), Eutelsat 115 West B (S2938), Eutelsat 117 West A (S2873), Galaxy 3C (S2381), Galaxy 13 (S2386), Galaxy 14 (S2385), Galaxy 15 (S2387), Galaxy 16 (S2687), Galaxy 17 (S2715), Galaxy 18 (S2733), Galaxy 19 (S2647), Galaxy 28 (S2160), SES-1 (S2807), SES-2 (S2826), SES-3 (S2892), and Star One C1 (S2677) in the 5945-6425 MHz (Earth-to-space) frequency band.

Points of Communication:

SES–STA–20190828–01119 E E940005 Comcast Cable Communications Management, LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/27/2019

Class of Station:

On September 27, 2019, Comcast Cable Communications Management, LLC was granted special temporary authority for 60 days, beginning September 27, 2019, to operate its fixed earth station in Littleton, CO to communicate with the following satellites at their permanent orbital locations: AMC 6 (S2347), AMC 8 (S2379) , AMC 11 (S2433), AMC 18 (S2713), Anik F1R (S2674), Anik F2 (S2646), Anik F3 (S2703), Arsat 2 (S2956), Galaxy 23 (S2592), Eutelsat 113 West A (S2695), Eutelsat 115 West B (S2938), Eutelsat 117 West A (S2873), Galaxy 3C (S2381), Galaxy 13 (S2386), Galaxy 14 (S2385), Galaxy 15 (S2387), Galaxy 16 (S2687), Galaxy 17 (S2715), Galaxy 18 (S2733), Galaxy 19 (S2647), Galaxy 28 (S2160), SES-1 (S2807), SES-2 (S2826), SES-3 (S2892), and Star One C1 (S2677) in the 5945-6425 MHz (Earth-to-space) frequency band.

Points of Communication:

SES–STA–20190830–01175 E E170122 Intelsat License LLC
Special Temporary Authority
Grant of Authority Date Effective: 09/30/2019

Class of Station:

On September 30, 2019, Intelsat License LLC was granted special temporary authority for 30 days, beginning September 30, 2019, to operate its fixed earth station in Ellenwood, GA to provide launch and early orbit phase (LEOP) operations for the France-licensed Eutelsat 5 West B satellite scheduled for in-orbit testing at the 1.6° E.L. orbital location and permanent location at the 5° W.L. orbital location.

Points of Communication:

SES–STA–20190830–01176 E E140121 Intelsat License LLC
Special Temporary Authority
Withdrawn Date Effective: 09/25/2019

Class of Station:

Points of Communication:

SES–STA–20190906–01141 E E170068 Thales Avionics, Inc.
Special Temporary Authority
Grant of Authority Date Effective: 09/30/2019

Class of Station:

On September 30, 2019, Thales Avionics, Inc. was granted special temporary authority for 30 days, beginning September 30, 2019, to operate up to 25 technically-identical earth station aboard aircraft (ESAA) antennas (0.36-meter model MCT-A) for flight testing in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands with the Norway administration's Thor-7 satellite at the 0.65°W orbital location.

Points of Communication:

SES–STA–20190913–01196 E E190726 Intelsat License LLC

Special Temporary Authority
Grant of Authority

Date Effective: 09/30/2019

Class of Station:

On September 30, 2019, Intelsat License LLC was granted special temporary authority for 60 days, beginning October 01, 2019, to operate 200 each of the following antennas: 1.2-m Skyware Global; 1.2-m GD Satcom; 1.8-m Global Skyware, and 1.8-m GD Satcom to communicate with Intelsat satellites to support video, voice and data communications in the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20190920–01189 E E170089 SES Americom, Inc.

Special Temporary Authority
Grant of Authority

Date Effective: 09/27/2019

Class of Station:

On September 27, 2019, SES Americom, Inc. was granted special temporary authority for 30 days, beginning October 12, 2019, to operate its fixed earth station in Mt. Airy, MD to provide telemetry, tracking and command (TT&C) services for the ASTRA 1H satellite at the 67.1° W.L. orbital location in support of the orbit-raising maneuvers to its disposal orbit in the 14008.5 MHz and 14250.5 MHz (Earth-to-space), and 11693.5 MHz, 11707.0 MHz (space-to-Earth) frequency bands.

Points of Communication:

SES–STA–20190923–01187 E E181423 Haras Development

Special Temporary Authority
Grant of Authority

Date Effective: 09/25/2019

Class of Station:

On September 25, 2019, Haras Developments was granted a special temporary authority for 30 days, beginning September 26, 2019, to operate a 5.4-meter X/S-band Antenna-X10 Pedestal; and co-mounted M2 FG450CP14 UHF antenna fixed earth station located in Dublin, OH with the Blacksky (S3032) and DigitalGlobe (S2129) constellations of Non-Geostationary Orbit satellites on center frequencies 450.2 MHz (Earth-to-space) and 8212.5 MHz (space-to-Earth), and in the 401-402 MHz (space-to-Earth) frequency band.

Points of Communication:

SES–T/C–20190605–00681 E E110029 TEGNA Broadcast Holdings, LLC

Application for Consent to Transfer of Control
Consummated

Date Effective: 09/19/2019

Current Licensee: Local TV Pennsylvania License, LLC

FROM: Dreamcatcher Broadcasting LLC

TO: Local TV Finance, LLC

No. of Station(s) listed: 3

SURRENDER

SES-LIC-20050420-00478 E050115 Fox Television Stations, LLC

License surrendered by letter filed on September 26, 2019.

SES-LIC-20080818-01065 E970411 Fox Television Stations, LLC

License surrendered by letter filed on September 26, 2019.

SES-MOD-20060316-00455 E050325 Fox Television Stations, LLC

License surrendered by letter filed on September 26, 2019.

SES-RWL-20080416-00463 E880839 Arkansas Hearst Television Inc.

License surrendered per letter filed on September 30, 2019.

SES-RWL-20170918-01024 E900976 Fox Television Stations, LLC

License surrendered by letter filed on September 26, 2019.

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