



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SES-01728

Wednesday March 4, 2015

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-AMD-20140715-00601 E E140029 ISAT US Inc.

Amendment

Class of Station: Fixed Land-based Ship Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. amended its pending application to add Antenna IDs, "SAILOR 100" and "JUE-60GX". See IBFS File No. SES-LIC-20140224-00098 for a full description of application.

SITE ID: REMOTE 1

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| ANTENNA ID: | Remote 1 | 1 meters | Cobham-Sea Tel | 4012GX |
|-------------|-----------------------------|----------|----------------|---|
| | 29500.0000 - 30000.0000 MHz | 2M70G1W | 1.00 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.10 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.10 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 600KG7W | 46.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 2

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | | |
|-------------|-----------------------------|-------------|----------------|-----------|---|
| ANTENNA ID: | Remote 2 | 0.65 meters | Cobham-Sea Tel | GX60 | |
| | 29500.0000 - 30000.0000 MHz | | 2M70G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | | 5M00G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | | 6M96G7W | 50.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | | 600KG7W | 43.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 19700.0000 - 20200.0000 MHz | | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 3
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | | |
|-------------|-----------------------------|-------------|---------------|---------------|---|
| ANTENNA ID: | SAILOR 100 | 1.03 meters | Cobham SatCom | Sailor 100 GX | |
| | 29500.0000 - 30000.0000 MHz | | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | | 2M70G1W | 54.30 dBW | Modulation and Services Digital Data Signalling |
| | 19700.0000 - 20200.0000 MHz | | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 4
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | | |
|-------------|-----------------------------|-------------|---------|-----------|---|
| ANTENNA ID: | JUE-60GX | 0.65 meters | JRC | JUE-60GX | |
| | 29500.0000 - 30000.0000 MHz | | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | | 600KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | | 2M70G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |

| | | |
|-----------------------------|---------|---|
| 19700.0000 - 20200.0000 MHz | 32M0G7W | Modulation and Services Digital Data Signalling |
|-----------------------------|---------|---|

SITE ID: REMOTE 5

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | |
|-------------|-----------|-------------|-----------|-------|
| ANTENNA ID: | INT GX100 | 1.03 meters | INTELLIAN | GX100 |
|-------------|-----------|-------------|-----------|-------|

| | | | |
|-----------------------------|---------|---|---|
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 1M79G1W | 54.60 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | Various Modulations up to 32APSK; Digital Data Link | |

SITE ID: REMOTE 6

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | |
|-------------|----------|-------------|-----------|------|
| ANTENNA ID: | INT GX60 | 0.65 meters | INTELLIAN | GX60 |
|-------------|----------|-------------|-----------|------|

| | | | |
|-----------------------------|---------|---|---|
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 492KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M20G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | Various Modulations up to 32APSK; Digital Data Link | |

Points of Communication:

REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 5 - INMARSAT 5F2 - (55.0 W.L.)

REMOTE 6 - INMARSAT 5F2 - (55.0 W.L.)

SES-AMD-20150211-00073 E E140029 ISAT US Inc.

Amendment

Class of Station: Fixed Land-based Ship Earth Station

Nature of Service: Fixed Satellite Service

ISAT US Inc. amended its pending application to add Antenna IDs, "INT GX100" and "INT GX60". See IBFS File No. SES-LIC-20140224-00098 for a full description of application.

SITE ID: REMOTE 1

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| ANTENNA ID: | Remote 1 | 1 meters | Cobham-Sea Tel | 4012GX |
|-------------|-----------------------------|----------|----------------|---|
| | 29500.0000 - 30000.0000 MHz | 2M70G1W | 54.10 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.10 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.10 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 600KG7W | 46.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 2

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| ANTENNA ID: | Remote 2 | 0.65 meters | Cobham-Sea Tel | GX60 |
|-------------|-----------------------------|-------------|----------------|---|
| | 29500.0000 - 30000.0000 MHz | 2M70G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 600KG7W | 43.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 3

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| ANTENNA ID: | SAILOR 100 | 1.03 meters | Cobham SatCom | Sailor 100 GX |
|-------------|------------|-------------|---------------|---------------|
|-------------|------------|-------------|---------------|---------------|

| | | | |
|-----------------------------|---------|-----------|--|
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M70G1W | 54.30 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 4

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | |
|-----------------------------|-------------|-----------|--|
| ANTENNA ID: JUE-60GX | 0.65 meters | JRC | JUE-60GX |
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M70G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | | Modulation and Services Digital Data Signalling |

SITE ID: REMOTE 5

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | |
|-----------------------------|-------------|-----------|--|
| ANTENNA ID: INT GX100 | 1.03 meters | INTELLIAN | GX100 |
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 1M79G1W | 54.60 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 6
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | |
|-------------|-----------------------------|-------------|-----------|--|
| ANTENNA ID: | INT GX60 | 0.65 meters | INTELLIAN | GX60 |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 492KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 2M20G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

Points of Communication:

- REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 5 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 6 - INMARSAT 5F2 - (55.0 W.L.)

SES-LIC-20140224-00098 E E140029 ISAT US Inc.

Application for Authority

Class of Station: Fixed Land-based Ship Earth Station

Nature of Service: Fixed Satellite Service

ISAT US, Inc. requests authority to operate earth stations aboard U.S.-registered maritime vessels to communicate with the U.K.-licensed Inmarsat-5 F2 geostationary orbit space station at the 55° W.L. orbital location. ISAT requests a blanket license to operate up to 24,000 earth stations on U.S.-registered vessels in U.S. territorial waters, including inland waterways, and in international waters. ISAT states the earth stations will transmit in the 29.5-30.0 GHz frequency band, and receive in the 19.7-20.2 GHz frequency band. ISAT proposes to operate on a non-conforming basis when the vessels are in motion and on a primary basis when the vessels are stationary. ISAT requests waivers of Sections 2.106 and 25.138 of the Commission's rules, and the Ka-band Frequency Plan. Also, in this application, ISAT explains that it also intends to use its earth stations on non-U.S.-registered maritime vessels in waters adjacent to the United States utilizing the same technical characteristics and operating parameters as described above. As a result, ISAT also seeks a waiver of the Ka-band Plan and Section 2.106 of the Commission's rules, with respect to its operations on non-U.S.-registered maritime vessels. Amendments filed under IBFS File Nos. SES-AMD-20140715-00601 and SES-AMD-20150211-00073 are incorporated in the technical detail below.

SITE ID: REMOTE 1
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

ANTENNA ID: Remote 1 1 meters Cobham-Sea Tel 4012GX

| | | | |
|-----------------------------|---------|-----------|--|
| 29500.0000 - 30000.0000 MHz | 600KG7W | 46.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.10 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.10 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M70G1W | 54.10 dBW | Modulation and Services Digital Data Signalling |

SITE ID: REMOTE 2

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | |
|-----------------------------|-------------|----------------|--|
| ANTENNA ID: Remote 2 | 0.65 meters | Cobham-Sea Tel | GX60 |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 43.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.30 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | 0.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M70G1W | 50.30 dBW | Modulation and Services Digital Data Signalling |

SITE ID: REMOTE 3

LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | |
|-----------------------------|-------------|---------------|--|
| ANTENNA ID: SAILOR 100 | 1.03 meters | Cobham SatCom | Sailor 100 GX |
| 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| 29500.0000 - 30000.0000 MHz | 2M70G1W | 54.30 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 4
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI, MN

| | | | | |
|-------------|-----------------------------|-------------|-----------|--|
| ANTENNA ID: | JUE-60GX | 0.65 meters | JRC | JUE-60GX |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 600KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 2M70G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | | Modulation and Services Digital Data Signalling |

SITE ID: REMOTE 5
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI

| | | | | |
|-------------|-----------------------------|-------------|-----------|--|
| ANTENNA ID: | INT GX100 | 1.03 meters | INTELLIAN | GX100 |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 54.50 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 600KG7W | 47.80 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 54.50 dBW | Modulation and Services Digital Data Signalling |
| | 29500.0000 - 30000.0000 MHz | 1M79G1W | 54.60 dBW | Modulation and Services Digital Data Signalling |
| | 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

SITE ID: REMOTE 6
LOCATION: 6211 GLEN CIRCLE Atlantic Ocean Region, Pacific Ocean Reg, CONUS PR USVI

| | | | | |
|-------------|-----------------------------|-------------|-----------|--|
| ANTENNA ID: | INT GX60 | 0.65 meters | INTELLIAN | GX60 |
| | 29500.0000 - 30000.0000 MHz | 6M96G7W | 50.90 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 492KG7W | 44.00 dBW | Various Modulations up to 32APSK; Digital Data Link |
| | 29500.0000 - 30000.0000 MHz | 5M00G1W | 50.90 dBW | Modulation and Services Digital Data Signalling |

| | | | |
|-----------------------------|---------|-----------|---|
| 29500.0000 - 30000.0000 MHz | 2M20G1W | 50.50 dBW | Modulation and Services Digital Data Signalling |
| 19700.0000 - 20200.0000 MHz | 32M0G7W | | Various Modulations up to 32APSK; Digital Data Link |

Points of Communication:

- REMOTE 1 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 2 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 3 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 4 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 5 - INMARSAT 5F2 - (55.0 W.L.)
- REMOTE 6 - INMARSAT 5F2 - (55.0 W.L.)

SES-LIC-20150123-00040 E E150006 Caribe Uplink, Corp.
 Application for Authority
Class of Station: Temporary Fixed Earth Station

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION:

| | | | |
|---------------------------|------------|-----------|--|
| ANTENNA ID: 1 | 2.4 meters | Prodelin | 1246 |
| 5925.0000 - 6425.0000 MHz | 36M0G7W | 68.10 dBW | Digital traffic, various FEC, data rates, modulation |
| 5925.0000 - 6425.0000 MHz | 51K2G7W | 41.20 dBW | Digital traffic, various FEC, data rates, modulation |

Points of Communication:

- 1 - PERMITTED LIST - ()

SES-LIC-20150206-00065 E E150010 Hawaii Pacific Teleport, L.P.
 Application for Authority
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 91-340 Farrington Highway, Honolulu, Kapolei, HI
 21 ° 20 ' 10.00 " N LAT. 158 ° 5 ' 22.00 " W LONG.

| | | | |
|---------------------------|-------------|--------------------|---|
| ANTENNA ID: 1 | 15.5 meters | Universal Antennas | 1155C |
| 3700.0000 - 4200.0000 MHz | 51K2G7W | | Digital traffic, various mod., FEC and data rates |

| | | | |
|---------------------------|---------|-----------|---|
| 3700.0000 - 4200.0000 MHz | 36M0G7W | | Digital traffic, various mod., FEC and data rates |
| 5925.0000 - 6425.0000 MHz | 51K2G7W | 54.97 dBW | Digital traffic, various mod., FEC and data rates |
| 5925.0000 - 6425.0000 MHz | 36M0G7W | 83.44 dBW | Digital traffic, various mod., FEC and data rates |

Points of Communication:

1 - PERMITTED LIST - ()

SES-LIC-20150220-00092 E E150016 NBC Telemundo License LLC

Application for Authority

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4001 Nebraska Avenue, NW D, Washington, DC
38 ° 56 ' 23.50 " N LAT.

77 ° 4 ' 54.10 " W LONG.

ANTENNA ID: 1 4.6 meters Andrew Corp. KU-4.6

| | | | |
|-----------------------------|---------|-----------|-------------------------------|
| 10950.0000 - 11200.0000 MHz | 500KG7W | | Digital video, audio and data |
| 10950.0000 - 11200.0000 MHz | 36M0G7W | | Digital video, audio and data |
| 11450.0000 - 11700.0000 MHz | 500KG7W | | Digital video, audio and data |
| 11450.0000 - 11700.0000 MHz | 36M0G7W | | Digital video, audio and data |
| 11700.0000 - 12200.0000 MHz | 500KG7W | | Digital video, audio and data |
| 11700.0000 - 12200.0000 MHz | 36M0G7W | | Digital video, audio and data |
| 14000.0000 - 14500.0000 MHz | 500KG7W | 62.10 dBW | Digital video, audio and data |
| 14000.0000 - 14500.0000 MHz | 36M0G7W | 75.60 dBW | Digital video, audio and data |

Points of Communication:

1 - PERMITTED LIST - ()

1 - Telstar 12 (S2462) - (15W)

SES-MOD-20141030-00835 E E010011 Deere & Company

Application for Modification

Class of Station: Mobile Earth Station

Nature of Service: Mobile Satellite Service

Deere & Company requests modification of its current authorization to operate its mobile earth stations with Inmarsat 3F2 at the 15.5° W.L. orbital location and Inmarsat 3F3 at the 178° E.L. orbital location on center frequency 1545.9875 MHz (space-to-Earth) and with Inmarsat 3F4 at the 54° W.L. orbital location on center frequency 1545.9775 MHz (space-to-Earth).

SITE ID: Remote 1
 LOCATION: up to 10,000 Receive-only METs

| | | | | |
|-------------|---------------------------|------------|-----------------|---|
| ANTENNA ID: | StarFire | 0.2 meters | DEERE & COMPANY | STARFIRE |
| | 1545.9875 - 1545.9875 MHz | | 2K50D1D | BPSK/MULTI-POINT LEASED DATA DOWNLINK SERVICES |
| | 1545.9775 - 1545.9775 MHz | | 2K50D1D | BPSK/MULTI-POINT LEASED DATA DOWNLINK SERVICES |

Points of Communication:

- Remote 1 - INMARSAT 3F2 - (15.5 W.L.)
- Remote 1 - INMARSAT 3F3 - (178 E.L.)
- Remote 1 - INMARSAT 3F4 - (54 W.L.)
- Remote 1 - ISAT List -

SES-MOD-20150127-00042 E E080168 Sirius XM Radio Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Satellite Digital Audio Radio Service, Other

Sirius XM Radio Inc. requests modification of its fixed earth station in Ellenwood, GA, to reduce the number of emission designators, and add the point of communication, "SIRIUS FM & XM SATS - (VARIOUS) / US Licensed Sirius FM and XM satellites (DARS)".

SITE ID: 1
 LOCATION: 2875 FORK CREEK CHURCH ROAD, CLAYTON, ELLENWOOD, GA
 33 ° 39 ' 51.00 " N LAT. 84 ° 16 ' 24.00 " W LONG.

| | | | | |
|-------------|---------------------------|------------|-------------------|--|
| ANTENNA ID: | Feeder 1 | 7.2 meters | GENERAL DYNAMICS | 7.2M. |
| | 7051.5000 - 7056.5000 MHz | | 1M00F1D 75.00 dBW | PCM/PSK/FM COMMAND |
| | 7060.0000 - 7072.5000 MHz | | 4M50G7E 75.00 dBW | TDM QPSK 8 PSK 16QUAM DARS PROGRAM UPLINK |
| | 2320.0000 - 2332.5000 MHz | | 4M50G7E 0.00 dBW | TDM QPSK 8 PSK 16QUAM DARS PROGRAM DOWNLINK |
| | 2320.0000 - 2332.5000 MHz | | 300KG1D 0.00 dBW | BIPHASE PCM TELEMETRY |
| | 7042.6000 - 7074.4000 MHz | | 800KF2D 75.00 dBW | PCM/PSK/FM COMMAND |
| ANTENNA ID: | Feeder 3 | 8 meters | GENERAL DYNAMICS | 8.0M. |

| | | | |
|---------------------------|----------|------------------|--|
| 7051.5000 - 7056.5000 MHz | 1M00F1D | 75.00 dBW | PCM/PSK/FM COMMAND |
| 7060.0000 - 7072.5000 MHz | 4M50G7E | 75.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM UPLINK |
| 7056.8450 - 7074.8690 MHz | 1M84G1W | 75.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM UPLINK |
| 2320.0000 - 2332.5000 MHz | 300KG1D | 0.00 dBW | BIPHASE PCM TELEMETRY |
| 2332.5000 - 2345.0000 MHz | 100KG2D | 0.00 dBW | BIPHASE PCM TELEMETRY |
| 4196.3000 - 4197.2000 MHz | 300KG1D | | BIPHASE PCM TELEMETRY |
| 2320.0000 - 2332.5000 MHz | 4M50G7E | | TDM QPSK 8PSK 16QUAM DARS PROGRAM DOWNLINK |
| 2332.5000 - 2345.0000 MHz | 1M84G1W | 0.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM DOWNLINK |
| 6422.0000 - 6425.0000 MHz | 1M00F1D | 75.00 dBW | PCM/PSK/FM COMMAND |
| ANTENNA ID: Feeder 2 | 8 meters | GENERAL DYNAMICS | 8.0M. |
| 6422.0000 - 6425.0000 MHz | 1M00F1D | 75.00 dBW | PCM/PSK/FM COMMAND |
| 7042.6000 - 7074.4000 MHz | 800KF2D | 75.00 dBW | PCM/PSK/FM COMMAND |
| 7051.5000 - 7056.5000 MHz | 1M00F1D | 75.00 dBW | PCM/PSK/FM COMMAND |
| 7060.0000 - 7072.5000 MHz | 4M50G7E | 75.00 dBW | TDM QPSK 8PSK 16 QUAM DARS PROGRAM UPLINK |
| 7056.8450 - 7074.8690 MHz | 1M84G1W | 75.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM UPLINK |
| 2320.0000 - 2332.5000 MHz | 300KG1D | 0.00 dBW | BIPHASE PCM TELEMETRY |
| 2332.5000 - 2345.0000 MHz | 100KG2D | | BIPHASE PCM TELEMETRY |
| 4196.3000 - 4197.2000 MHz | 300KG1D | | BIPHASE PCM TELEMETRY |
| 2320.0000 - 2332.5000 MHz | 4M50G7E | 0.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM DOWNLINK |
| 2332.5000 - 2345.0000 MHz | 1M84G1W | 0.00 dBW | TDM QPSK 8PSK 16QUAM DARS PROGRAM DOWNLINK |

Points of Communication:

1 - SIRIUS FM & XM SATS - (VARIOUS)

1 - SIRIUS FM 5 - (96 W.L.)

1 - SIRIUS FM 6 - (116.15 W.L)

1 - SIRIUS FM-1,-2,-3 - (NGSO)

1 - XM 1 - (115.25 W.L)

1 - XM 3 - (85.15 W.L)

1 - XM-4 - (115.25W.L)

1 - XM-5 - (85.15)

SES-STA-20150204-00058 E E040174 Intelsat License LLC

Special Temporary Authority

Class of Station:

Intelsat License LLC requests special temporary authority for a period of 180 days, to use its fixed earth station in Castle Rock, CO, to provide launch and early orbit phase services for the Eutelsat-115WB satellite on center frequencies: 6423.5 MHz and 6421.5 MHz (Earth-to-space) and 4199.0 MHz and 4199.8 MHz (space-to-Earth).

Points of Communication:

SES-STA-20150209-00067 E E020248 EchoStar Broadcasting Corporation

Special Temporary Authority

Class of Station:

EchoStar Broadcasting Corporation requests renewal of special temporary authority for an additional 180 days to use its fixed earth station in Blackhawk, SD, to conduct telemetry, tracking and command services for the EchoStar 3 (S2741) satellite at the 61.8 W.L. orbital location on the following center frequencies: 17301.5 MHz (Earth-to-space), and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20150209-00068 E E010242 EchoStar Broadcasting Corporation

Special Temporary Authority

Class of Station:

EchoStar Broadcasting Corporation requests renewal of special temporary authority for an additional 180 days to use its fixed earth station in Gilbert, AZ, to conduct telemetry, tracking and command services for the EchoStar 3 (S2741) satellite at the 61.8 W.L. orbital location on the following center frequencies: 17301.5 MHz (Earth-to-space), and 12201.0 MHz, 12203.0 MHz, and 12699.0 MHz (space-to-Earth).

Points of Communication:

SES-STA-20150213-00079 E E140107 O3b Limited

Special Temporary Authority

Class of Station:

O3b Limited requests special temporary authority for a period of 180 days, to operate a 2.4 meter antenna at a facility in Haleiwa, HI, with the O3b FSS NGSO satellite system licensed by the United Kingdom in the 27.6-28.4 GHz and 28.6-29.1 GHz (Earth-to-space) and the 17.8-18.6 GHz and 18.8-19.3 GHz (space-to-Earth) frequency bands.

Points of Communication:

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 202-418-2555.