

Applicant: ISAT US, INC,
Call Sign E140029
File No.: SES-STA-20151215-00937
Special Temporary Authority (STA)

ISAT US, Inc. is granted special temporary authority for a period of 30 days, beginning December 29, 2015, to operate the following maritime earth stations while at fixed and/or temporary fixed locations on land within CONUS with the INMARSAT 5F2 satellite operating at the 55.0 W.L. orbital location in the 29.5-30.0 GHz (Earth-to-space) and 19.7-20.2 GHz (space-to-Earth) frequency bands.

- (1) Cobham-Sea Tel model 4012GX
- (2) Cobham-Sea Tel model GX60
- (3) INTELLIAN model GX100 and
- (4) INTELLIAN model GX60.

All operations must comply with the operational parameters authorized by grant of IBFS File No, SES-LIC-20140224-00098 and are subject to the following conditions:

1. Operations under this grant of special temporary authority must be on an unprotected, non-harmful interference basis, *i.e.*, while operating under this temporary authority ISAT US, Inc. must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radio communication system. ISAT US, Inc. must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. ISAT US, Inc. must take all necessary measures to ensure that the antenna does not create potential exposure of humans to radio frequency radiation in excess of the FCC exposure limits defined in 47 CFR § 1.1307(b) and 1.1310 wherever such exposures might occur. Measures must be taken to ensure compliance with limits for both occupational controlled exposure and for general population/uncontrolled exposure, as defined in these rule sections. Requirements for restrictions can be determined by predictions based on calculations, modeling or by field measurements. The FCC's OET Bulletin 65 (available on-line at www.fcc.gov/oet/rfsafety) provides information on predicting exposure levels and on methods for ensuring compliance, including the use of warning and alerting signs and protective equipment for workers. The licensee shall ensure installation of by qualified installers who have an understanding of the antenna's radiation environment and the measures best suited to maximize protection of the general public and persons operating the equipment. A terminal exhibiting radiation exposure levels exceeding 1.0 mW/cm² in accessible areas, such as at the exterior surface of the radome, shall have a label attached to the surface of the terminal warning about the radiation hazard and shall include thereon a diagram showing the regions around the terminal where the radiation levels could exceed 1.0 mW/cm².
3. ISAT US, Inc. must maintain a point of contact available 24 hours per day, seven days per week, with the authority and ability to terminate operations authorized, for discussing interference concerns with other licensees and U.S. Government agencies.
4. Antenna elevation for all operations must be at least 5 degrees above the geographic horizon.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending applications or future requests for special temporary authority.
6. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at ISAT US, Inc.'s risk.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective immediately. Petitions for reconsideration under Section 1.106 or applications for review under Sections 1.115 of the Commission's rules, 47 C.F.R. §§ 1.106, 1.115, may be made within thirty days of the date of the public notice indicating that this action was taken.