

Applicant: SES Americom, Inc.
Call Sign: E050287
File No.: SES-STA-20211015-01721
Special Temporary Authority ("STA")

SES Americom Inc. is granted STA for 30 days, beginning November 4, 2021, to permit SES Americom. Inc. to use earth station E050287 to provide telemetry, tracking and command ("TT&C") for the Luxembourg-authorized ASTRA 1D satellite located at 73.0 degrees WL (+/- 0.10° east/west station keeping) during orbit raising maneuvers to move the satellite into disposal orbit.

Earth station E050287 is located at 2323 Grimville Road (Woodbine) Mt. Airy, MD, 21771 (39° 22' 37.1" N / 77° 4' 49.1" W). The orbit-raising operations will use the same frequencies and conform to the operational parameters previously authorized in SES-STA-20210804-01338: (1) Telecommand: 14013 MHz (omni) horizontal polarization and 14493 MHz (spot) vertical polarization; and (2) Telemetry: 11447.5 MHz (spot) horizontal polarization/(omni) vertical polarization and 11454 MHz (spot, omni) vertical polarization.

Operation is authorized under the following conditions:

1. Operations will not exceed the operational power limits and parameters requested and coordinated.
2. All operations under this grant of STA shall be on an unprotected, non-harmful interference basis. SES Americom Inc. shall not cause harmful interference to and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.
3. In the event of any harmful interference SES Americom Inc. shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. SES Americom Inc.'s 24/7 point of contact for these operations is the SES Payload Management Operations Centre (PMOC) in Woodbine, MD +1 410-970-7580; email: PMOC@ses.com.
5. The licensee shall take all necessary measures to ensure that the antenna does not create potential exposure of humans to radiofrequency 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. 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 alert signs and protective equipment for workers.

6. Any action taken, or expense incurred, as a result of operations pursuant to this STA is solely at SES Americom Inc.'s risk.

7. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR § 0.261, and is effective upon release. This special temporary authority was authorized pursuant to Section 1.62 of the Commission's rules, 47 CFR § 1.62.