

Applicant: Lockheed Martin Corporation
Call Sign E7541
File No.: SES-STA-20151216-00944
Special Temporary Authority (STA)

Lockheed Martin Corporation (Lockheed Martin) is granted special temporary authority for a period of 30 days, beginning December 21, 2015, to use its Carpentersville, NJ fixed earth station to provide tracking, telemetry and control ("TT&C") functions during the post-launch and early orbit phases ("LEOP") of operation to the Ekspress AMU-1 (aka Eutelsat 36C) satellite as it travels to its 36° E.L. orbital location on the following center frequencies: 17301.5 Mhz and 17303.0 MHz (Earth to-space), 11700.2 MHz and 11702.5 MHz (space-to-Earth). Operations are authorized under 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 Lockheed Martin must not cause harmful interference to, and must not claim protection from interference caused to it by, any other lawfully operating radio communication system. Lockheed Martin must cease operations immediately upon notification of such interference and must immediately inform the Commission, in writing, of such an event.
2. Lockheed Martin's proposed transmissions must not exceed total input power and emissions currently authorized for call sign E7541 for the telecommand carriers in its FCC license.
3. Lockheed Martin 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.
4. Lockheed Martin 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.
5. Antenna elevation for all operations must be at least 5 degrees above the geographic horizon.
6. 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.
7. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Lockheed Martin'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.