

Applicant: Lockheed Martin Corporation  
Call Signs: E7541  
File No.: SES-STA-20210505-00773  
Special Temporary Authority

Lockheed Martin Corporation is granted special temporary authority for 30 days, commencing June 5, 2021, to operate its fixed earth station (Call Sign E7541) in Carpentersville, NJ to provide telemetry, tracking, and control (“TT&C”) services during the Launch and Early Operations Phase (“LEOP”) for the Sirius-XM8 satellite at orbital location 85.15°W on the following center frequencies: 6422.5 MHz and 6424.5 MHz (LHCP) (Earth-to-space), and 4196.5 and 4198.0 MHz (RHCP) MHz (space-to-Earth) 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. Lockheed Martin Corporation 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 Lockheed Martin Corporation shall cease operations immediately upon notification of such interference, and shall immediately inform the Commission, in writing, of such an event.
4. Current 24x7 contact information for this operation as Lockheed Martin designated is Michael Usarzewicz to be the contact person that will be available whenever transmission to Sirius XM8 is to occur through the subject earth station. Mr. Usarzewicz can be reached at the following phone numbers: (609) 865-2658 (cellular) (908) 859-4050 (earth station desk).
5. Lockheed Martin Corporation must 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](http://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. Grant of this STA is without prejudice to any determination that the Commission may make regarding Lockheed Martin Corporation pending applications.
7. Any action taken, or expense incurred as a result of operations pursuant to this STA is solely at Lockheed Martin Corporation's risk.

This action is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 CFR §0.261, and is effective upon release.