

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:
Carpentersville LEOP TT&C STA for Eutelsat E65W - February 2016

1. Applicant

Name:	Lockheed Martin Corporation	Phone Number:	703-413-5970
DBA Name:		Fax Number:	703-413-5908
Street:	2121 Crystal Drive Suite 100	E-Mail:	Jennifer.Warren@lmco.com
City:	Arlington	State:	VA
Country:	USA	Zipcode:	22202 -
Attention:	Ms Jennifer Warren		



File # SES-STA-20160219-00156
Call Sign 2241 Grant Date 2-2-16
(or other identifier)
Term Dates 2-1-16 To: 4-1-16
From: 2-1-16
Approved: Paul E. Blair

Applicant: Lockheed Martin Corporation
Call Sign: E7541
File No.: SES-STA-20160219-00156
Special Temporary Authority



File # SES-STA-20160219-00156
Call Sign _____ Grant Date 3-2-16
(or other identifier)
Term Dates
From: 3-2-16 To: 4-1-16
Approved: Paul E. Blais

Lockheed Martin Corporation ("Lockheed") is granted Special Temporary Authority ("STA"), under the following conditions, for 30 days, starting March 2, 2016, to operate its Carpentersville, New Jersey fixed earth station, call sign E7541, to provide launch and early orbit phase ("LEOP") services for Eutelsat 65 West A satellite at permanent orbital location 65° W.L, and to provide telemetry, tracking, and command ("TT&C") services. The launch is expected to be no earlier than March 4, 2016.

1. Lockheed will perform the operations in the uplink frequencies (Earth-to-space): 13750.52 MHz and 14000 MHz (LHCP, RHCP, H, V) and the downlink frequencies (space-to-Earth): 10.9497 MHz and 11.2003 MHz (LHCP, RHCP, H, V) within coordinated emission and power limits. All operations must comply with the limits established in US 356.
2. The LEOP operations must be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. Currently the 24x7 contact information for the Eutelsat 65 West A LEOP mission is as follows: Ph.: (609) 865-2658 or (908) 859-4050. Request to speak with Mr. Usarzewicz.
3. Operations, shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
4. In the event of any harmful interference under this grant of STA, Lockheed (E7541) must cease operations immediately upon notification of such interference, and must inform the Commission, in writing, immediately of such an event.
5. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Lockheed's applications.
6. Any action taken or expense incurred as a result of operations pursuant to this STA is solely at Lockheed's risk.
7. Operations in the 13.75-14.0 GHz band may only exceed 85 dBw/carrier if an emergency situation exists and the applicant must notify FCCOperationCenter@fcc.gov of the situation with copy to paul.blais@fcc.gov.
8. This action is issued pursuant to Section 0.26 1 of the Commission's rules on delegated authority, 47 C.F.R. §0.261, and is effective immediately.

2. Contact			
Name:	David S. Keir	Phone Number:	(202) 429-8970
Company:	Lerman Senter PLLC	Fax Number:	(202) 293-7783
Street:	2000 K Street, NW Suite 600	E-Mail:	dkeir@lermansenter.com
City:	Washington	State:	DC
Country:	USA	Zipcode:	20006 -1809
Attention:		Relationship:	Legal Counsel
(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)			
3. Reference File Number or Submission ID			
4a. Is a fee submitted with this application?			
☒ If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).			
☐ Governmental Entity ☐ Noncommercial educational licensee			
☐ Other (please explain):			
4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station			
5. Type Request			
☐ Use Prior to Grant ☐ Change Station Location ☒ Other			
6. Requested Use Prior Date 03/02/2016			
7. City Carpentersville		8. Latitude (dd mm ss.s h) 40 38 39.1 N	

9. State NJ	10. Longitude (dd mm ss.s h) 75 11 27.8 W
11. Please supply any need attachments. Attachment 1: ATTACHMENT Attachment 2: Attachment 3:	
12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.) Lockheed Martin Corporation requests a 30-day STA to use the Ku-band antenna at its Carpentersville, NJ earth station to support post-launch/early-operations TT&C for the Eutelsat 65W satellite, which will be launched on or about March 4, 2016. STA period to commence March 2, 2016 to allow for calibration testing. See Exhibit A.	
13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. Yes ☒ No ☐	
14. Name of Person Signing Jennifer Warren	15. Title of Person Signing Vice President, Technology Policy & Regulation
WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).	

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