

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Carpentersville TT&C STA for NILESAT NIL102 – 2018-04 (30-Day STA)

**1. Applicant**

<b>Name:</b>	Lockheed Martin Corporation	<b>Phone Number:</b>	703-413-5747
<b>DBA Name:</b>		<b>Fax Number:</b>	703-413-5908
<b>Street:</b>	2121 Crystal Drive Suite 100	<b>E-Mail:</b>	ryan.n.terry@lmco.com
<b>City:</b>	Arlington	<b>State:</b>	VA
<b>Country:</b>	USA	<b>Zipcode:</b>	22202 –
<b>Attention:</b>	Ryan N. Terry		

**2. Contact**

<b>Name:</b>	Ryan N. Terry	<b>Phone Number:</b>	703-413-5747
<b>Company:</b>	Lockheed Martin Corporation	<b>Fax Number:</b>	703-413-5908
<b>Street:</b>	2121 Crystal Drive Suite 100	<b>E-Mail:</b>	ryan.n.terry@lmco.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	22202 -
<b>Attention:</b>		<b>Relationship:</b>	Same

(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 SESLIC2008110301443 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  
05/14/2018

7. CityCarpentersville

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: STA Attachment 2: Freq Coordination 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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Lockheed Martin Corporation hereby requests Special Temporary Authority beginning May 14, 2018, to operate its Carpentersville, NJ fixed earth station (Call Sign E7541) to provide telemetry, tracking and control (TT&amp;C) functions during the deorbit of the NILESAT NIL102 satellite. Specifically, authority is sought to transmit telecommand signals (Earth-to-</div>	
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. <span style="float: right;"><input checked="" type="radio"/> Yes <input type="radio"/> No</span>	
14. Name of Person Signing Jennifer A. 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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## **12. Description**

Lockheed Martin Corporation hereby requests Special Temporary Authority beginning May 14, 2018, to operate its Carpentersville, NJ fixed earth station (Call Sign E7541) to provide telemetry, tracking and control (TT&C) functions during the deorbit of the NILESAT NIL102 satellite. Specifically, authority is sought to transmit telecommand signals (Earth-to-space) on the 17302.5 MHz center frequency, and to receive telemetry signals from the satellite (space-to-Earth) at the center frequency 12499.0 MHz.