

APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
STA for Call Sign E050272, Napa, CA

1. Applicant

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

*With Condition*



File # SES-STA-20100408-00422

Call Sign E050272 Grant Date 4/9/10  
(or other identifier)

From 4/9/10 Term Dates To: 5/9/10

Approved: *[Signature]*

*shahnaz Ghavami*

Attachment

Condition:

Lockheed Martin must notify the JPO for GPS Captain Harry Hariharan at 310-653-3253 every 30 days of the status of this satellite. Also if the satellite is lost then Lockheed must notify Capt Hariharan and Mr. Davison of NTIA at 202-482-5526 when that happens.



**File #** SES-STA-20100408-00422

E050272

**Call Sign** E050272 **Case No** 419110

(or other identifier)

**Term Dates**

**From** 4/9/10 **To** 5/9/10 For 30 days

**Appr. d.**

Shahnoiz Chavami

**2. Contact**

<b>Name:</b>	Stephen D. Baruch	<b>Phone Number:</b>	202-416-6782
<b>Company:</b>	Lerman Senter PLLC	<b>Fax Number:</b>	202-429-4626
<b>Street:</b>	2000 K Street, NW Suite 600	<b>E-Mail:</b>	sbaruch@lermansenter.com
<b>City:</b>	Washington	<b>State:</b>	DC
<b>Country:</b>	USA	<b>Zipcode:</b>	20006 -
<b>Attention:</b>		<b>Relationship:</b>	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  
04/10/2010

7. City Napa

8. Latitude  
(dd mm ss.s h) 38 14 41.6 N

9. State CA	10. Longitude (dd mm ss.s h) 122 16 45.8 W
11. Please supply any need attachments. Attachment 1: Exhibit A                                  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.) <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">Request for STA to allow slight relaxation of azimuth and elevation coordination limits to permit continued operation with LM-RPS1 satellite following anomaly suffered by host satellite. See Exhibit A.</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. <input checked="" type="radio"/> Yes <input type="radio"/> No	
14. Name of Person Signing Jennifer Warren	15. Title of Person Signing Vice President, Trade 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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**THE FOREGOING NOTICE IS REQUIRED BY THE PAPERWORK REDUCTION ACT OF 1995, PUBLIC LAW 104-13, OCTOBER 1, 1995, 44 U.S.C. SECTION 3507.**

**Exhibit A**

**Lockheed Martin Corp.  
Earth Station STA  
Call Sign E050272  
April 8, 2010**

**Description**

Lockheed Martin Corporation (“Lockheed Martin”) hereby urgently requests special temporary authority to operate its Napa, California earth station (Call Sign E050272) at slight variance from the license for a period of 30 days due to an anomaly that has the potential to affect the LM-RPS1 satellite – the sole point of communication for the earth station. The LM-RPS1 satellite (Call Sign S2372) is hosted on the Galaxy-15 satellite that is operated by PanAmSat Licensee Corp. (“PLC”) at the 133° W.L. orbital location. LM-RPS1 does not have its own TT&C subsystem; TT&C functions for the tracking and maneuvering of LM-RPS1 are performed by PLC under contract with Lockheed Martin.

On April 7, 2010, PLC informed Lockheed Martin that the Galaxy-15 satellite suffered an anomaly of unknown origin. Although the LM-RPS1 payload continues to function, there is a possibility that the satellite will move out of its designated station-keeping box.

Lockheed Martin seeks to continue to utilize the LM-RPS1 satellite as long as operations remain viable. In this regard, Lockheed Martin anticipates that it may soon need more flexibility with respect to some of the transmission parameters on its license for Call Sign E050272. In particular, and for up to 30 days commencing April 10, 2010, Lockheed Martin requests that the azimuth range be extended on the east to 195.8° from its current eastern limit of 197°. For the same period, Lockheed Martin also requests that the elevation angle range be extended to 44.6° from its current upper limit of 44.3°. The temporary and modest relaxations sought here are needed for both uplink frequencies – 6690.42 MHz and 6639.27 MHz – on the Call Sign E050272 license.

Lockheed Martin will coordinate its operations, as appropriate, and fully recognizes that operations at variance with the LM-RPS1 license are on a non-harmful interference/non-protected basis.

Lockheed Martin requests that the STA sought here commence on April 10, 2010, which is when Lockheed Martin expects to first need the increased flexibility it seeks here. The sudden and unexplained anomaly was unforeseen, and is the type of extraordinary event that makes grant of an STA on less than three working days’ advance notice appropriate. See 47 C.F.R. § 25.120(a). Until more facts are known, Lockheed Martin requests an initial 30-day term for the STA.