



File # SAT-STA-20100408-00069

Call Sign S2372 Grant Date 04/09/10

(or other identifier)

Term Dates period of  
From 04/09/10 To: 30 days

Approved by OMB  
3060-0678

Approved: Stephen J. Duall

Stephen J. Duall  
Chief, Satellite Policy Branch

Date & Time Filed: Apr 8 2010 2:40:41:840PM  
File Number: SAT-STA-20100408-00069  
Callsign:

\*subject to  
conditions

FEDERAL COMMUNICATIONS COMMISSION  
APPLICATION FOR SPACE STATION SPECIAL TEMPORARY AUTHORITY  
FOR OFFICIAL USE ONLY

APPLICANT INFORMATION

Enter a description of this application to identify it on the main menu:  
STA for LM-RPS-1 (Call Sign S2372)

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		

Attachment to Grant


IBFS File No. SAT-STA-20100408-00069

Call Sign S2372

April 9, 2010

The request of Lockheed Martin Corporation (Lockheed Martin) for special temporary authority, IBFS File No. SAT-STA-20100408-00069, to operate the LM-RPS1 space station (Call Sign S2372) outside the +/-0.05° north/south and east/west station-keeping boxes previously authorized<sup>1</sup> is granted. This authorization shall be in accordance with the technical specifications set forth in PanAmSat's application, Federal Communication Commission (Commission) rules, and the following conditions:

1. Lockheed Martin must notify the JPO for GPS Captain Harry Hartharan at 310-653-3253 every 30 days of the status of this satellite. Also if the satellite is lost then Lockheed must notify Capt Hartharan and Mr. Davison of NTIA at 202-482-5526 when that happens.
2. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Lockheed Martin's own risk.
3. This authorization is not one relating to an "activity of a continuing nature" for purposes of Section 1.62 of the Commission's rules and Section 558(c) of the Administrative Procedure Act. Continuation of operations beyond the term of this authorization will require prior affirmative authorization by the FCC.
4. 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.

 <b>GRANTED</b> International Bureau	
File #	SPT- STA- 2010 0408- 00069
Call Sign	S2372
Grant Date	04/09/10
(or other identifier)	
Term Dates	Period of
From	04/09/10
To:	30 days
Approved:	<i>Stephen J. Duall</i> Stephen J. Duall Chief, Satellite Policy Branch
* subject to conditions	

<sup>1</sup> Lockheed Martin Corporation, *Order and Authorization*, DA 05-1747 (Int'l Bur. 2005).

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    CRY – Space Station (Geostationary)

5. Type Request

- Change Station Location                       Extend Expiration Date                       Other

6. Temporary Orbit Location

7. Requested Extended Expiration Date

8. 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.)

Applicant requests temporary authority to operate LM-RPS1 satellite outside of E/W and N/S stationkeeping restrictions following anomaly suffered by host satellite. See Exhibit A.

9. 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

10. Name of Person Signing  
Jennifer Warren

11. Title of Person Signing  
Vice President, Technology Policy

12. Please supply any need attachments.

Attachment 1: Exhibit A	Attachment 2:	Attachment 3:
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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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**Exhibit A**

**Lockheed Martin Corp.  
Space Station STA  
LM-RPS1 (Call Sign S2372)  
April 8, 2010**

**Description**

Lockheed Martin Corporation (“Lockheed Martin”) hereby urgently requests special temporary authority to operate the LM-RPS1 satellite (Call Sign S2372) at variance from the +/- 0.05 degree station keeping tolerances in both the North-South and East-West directions.<sup>1</sup> LM-RPS1 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. 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 immediately. 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.

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<sup>1</sup> Although prior Commission authorization is not required for commencement of inclined (north-south) operations, Lockheed Martin includes this authority in the request for STA because it does not presently have all of the information that Section 25.280(a) requires for a notification of commencement of inclined operations. See 47 C.F.R. § 25.280(a).