

## **Exhibit A**

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

### **Description**

Lockheed Martin Corporation (“Lockheed Martin”) hereby respectfully requests special temporary authority (“STA”) to continue operating the LM-RPS1 satellite (Call Sign S2372) at variance from station keeping tolerances set forth in the LM-RPS1 license, under a 30-day extension of the Lockheed Martin STA now in force in File No. SAT-STA-20101129-00247 (“RPS1 STA”).

The Galaxy-15 satellite, which is operated by PanAmSat Licensee Corp. (“PLC”) at the 133° W.L. orbital location and is the host platform for LM-RPS1, suffered an anomaly of unknown origin in April 2010. Since the onset of the anomaly, and until very recently, Lockheed Martin had been able to continue using the LM-RPS1 payload in its intended manner for the provision of radionavigation-satellite service (“RNSS”). Lockheed Martin’s continued operation of the space station outside its designated station-keeping box is under the authority granted in the RPS1 STA.

Lockheed Martin continues to be capable of communicating with LM-RPS1 under the conditions authorized in the RPS1 STA, but the resulting signals from LM-RPS1, while posing no interference threats, are increasingly unreliable for their intended use. Engineers expect to make a determination on the continued utility of the LM-RPS1 platform sometime in January 2011. Under these circumstances, and pending this determination or related action, Lockheed Martin requests authority to continue operating LM-RPS1 under the conditions authorized in the RPS1 STA for a period of 30 additional days – or until February 5, 2011. Lockheed Martin will apprise the Commission of any additional developments as events warrant.

Lockheed Martin has notified the GPS Directorate (operators of the co-frequency GPS system) of the status of the LM-RPS1 satellite, as required in the RPS1 STA. Lockheed Martin recognizes and accepts that all operations at variance with the LM-RPS1 license are on a non-harmful interference/non-protected basis.

Continued use of a viable LM-RPS1 satellite by Lockheed Martin is unquestionably in the public interest. The space station has been part of a GPS augmentation system that provides the Federal Aviation Administration (the sole customer of Lockheed Martin for LM-RPS1 capacity) with enhanced navigation data that is used in managing the nation’s air traffic and control systems. The utility of the signal on a going-forward basis will be determined in the first few weeks of January 2011, and clearly any continued or restored ability of Lockheed Martin to provide a viable service would have significant public and national interests. As long as Lockheed Martin can reliably communicate over LM-RPS1 and assess the continuing viability of the RNSS payload without harmfully interfering with any authorized users of the spectrum, it should be allowed to do so.

On the basis of the foregoing, Lockheed Martin respectfully requests that the Commission act favorably on the instant STA request, and allow operations of LM-RPS1 to continue for an additional 30 days (i.e., until February 5, 2011).