

Exhibit A

**Lockheed Martin Corp.
Earth Station STA
Call Sign E050272
May 2011**

Description

Lockheed Martin Corporation ("Lockheed Martin") hereby respectfully requests special temporary authority ("STA") to continue operating its Napa, California earth station (Call Sign E050272) at slight variance from the station's license under a 60-day extension of the Lockheed Martin STA now in force for Call Sign E050272 in File No. SES-STA-20110302-00230 ("March STA").

The Galaxy 15 satellite, which is operated by Intelsat License LLC ("Intelsat") nominally at the 133° W.L. orbital location and is the host platform for LM-RPS1, suffered an anomaly of unknown origin in April 2010 that caused the satellite to drift eastward. In December 2010, Intelsat was able to regain control of the Galaxy 15 satellite. After successful testing, Intelsat moved the satellite to its present temporary location at the 133.1° W.L. orbital location. There, Intelsat is operating the satellite as an in-orbit fixed-satellite service ("FSS") spare, and Lockheed Martin is able to use the Napa earth station to access the LM-RPS1 payload for the provision of radionavigation-satellite service ("RNSS"). Intelsat has stated its intention to reload FSS communications traffic onto Galaxy 15 and have the satellite eventually resume its authorized orbital location at 133° W.L. *See* Intelsat Request for STA to Operate Galaxy 15, File No. SAT-STA-20110425-00076, Narrative at 2-3 (filed April 25, 2011).

Lockheed Martin hereby requests an extension of the March STA to allow for continued communication by the Napa earth station with LM-RPS1 while the satellite hosting LM-RPS1 is temporarily stationed at the 133.1 ° W.L. orbital location – now just 0.1° away from its assigned orbital location. During the 60-day term requested in this STA, the elevation angle from the earth station to the satellite and other technical transmission parameters will be within values Lockheed Martin was authorized to use in the March STA (*see* File No. SES-STA-20110302-00230, at Exhibit A).

Lockheed Martin has notified the GPS Directorate (operators of the co-frequency GPS system) of the status of the LM-RPS1 satellite, as required. Lockheed Martin confirms that it has coordinated at-variance operations of LM-RPS1 with the GPS Directorate for the duration of the requested STA term. Lockheed Martin recognizes and accepts that all operations at variance with its license for Call Sign E050272 are on a non-harmful interference/non-protected basis.

Continued use of a viable LM-RPS1 satellite via the Napa earth station by Lockheed Martin is in the public interest. The LM-RPS1/E050272 network is 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. Any denial to Lockheed Martin of the ability to provide its customer

with a viable enhanced navigation data would cause a serious prejudice to the public and national interests. As long as Lockheed Martin can reliably communicate that information over LM-RPS1 via its Napa earth station without harmfully interfering with any authorized users of the spectrum, it should be allowed to do so.

For the reasons provided above, Lockheed Martin respectfully submits that a 60-day STA (i.e., until July 4, 2011) to allow Lockheed Martin to continue operating its Napa earth station (Call Sign E050272) with LM-RPS1 is appropriate.