



Federal Communications Commission
Washington, DC 20554

International Bureau

October 8, 2004

Ms. Jennifer Warren
Senior Director, Regulatory Affairs
Lockheed Martin Corporation
1725 Jefferson Davis Highway
Arlington, VA 22202-412

Re: Lockheed Martin Corp., Application for Authority to Launch and Operate Geostationary Orbit Satellites in the Radionavigation Satellite Service at the 79° W.L. (File Nos. SAT-LOA-19990427-00045, SAT-AMD-20030730-00149, Call Sign: S2370), 71° E.L. (File Nos. SAT-LOA-19990427-00049, SAT-AMD-20030730-00152, Call Sign: S2374), and 131.8° E.L. orbital locations (File Nos. SAT-LOA-19990427-00050, SAT-AMD-20030730-00153, Call Sign: S2375).

Dear Ms. Warren:

On April 27, 1999, Lockheed Martin Corporation ("Lockheed") filed applications to launch and operate satellites at the 79° W.L., 71° E.L. and 131.8° E.L. orbital locations, as part of its Regional Positioning System ("RPS"), a radio-navigation satellite service ("RNSS") network. On July 30, 2003, Lockheed amended those applications to provide additional and revised technical information. In its April 1999 applications, Lockheed stated that the RPS global constellation will be operated, monitored and controlled by one Satellite Operations Center ("SOC") in each sector.¹ Accordingly, Lockheed stated that there will be a primary and a back-up tracking, telemetry and command ("TT&C") station located in the Asia/Pacific region to control and monitor satellites located at 71° E.L. and 131.8° E.L.²

Pursuant to §25.111(a) of the Commission's Rule we request that Lockheed provide the Commission with the following information:

- 1) Please provide information regarding facilities, including landline or other control facilities, by which Lockheed will execute control operations for its proposed satellites in the Asia/Pacific region at the 71° E.L. and 131.8° E.L. orbital locations. For example, please provide information regarding the locations of the primary and back-up TT&C stations which TT&C functions will be carried out for its proposed satellites, including whether these TT&C stations will be located on United States territory in the Asia/Pacific region.

¹ Lockheed global system is divided in two sectors: RPS Americas for its satellite located at 79° W.L. and RPS Asia/Pacific for its satellites located at 71° E.L. and 131.8° E.L. See Lockheed Martin 1999 RNSS applications at page 40.

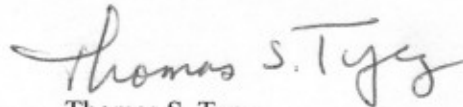
² See Lockheed Martin 1999 RNSS applications at page 54.

- 2) In the case that the Asia/Pacific region TT&C stations are located outside U.S. territory, please describe the procedure Lockheed would execute in the event that Lockheed was required to shut down its RNSS satellites at the 71° E.L. and 131.8° E.L orbital locations. Please also explain whether Lockheed will retain the ability, through actions initiated using its United States facilities, and without any third-party intervention, to cease operations of its proposed satellites.

In order for us to continue processing Lockheed's RNSS applications for its proposed satellites located at 71° E.L. and 131.8° E.L. we require that this information be provided to the Commission by October 22, 2004.

Additionally, Lockheed indicated in its 1999 application that there will be a primary and a back-up TT&C station located in the United States to control and monitor the proposed satellite to be located at the 79 W.L. orbital location. In order to facilitate our further understanding of the control operations of the satellite system, we request Lockheed to provide information regarding the locations of the primary and back-up TT&C stations located in the United States for its proposed satellite at 79° W.L.

Sincerely,



Thomas S. Tycz
Chief, Satellite Division