



Federal Communications Commission
Washington, DC 20554

International Bureau

May 10, 2004

Ms. Jennifer Warren
General Counsel
Lockheed Martin Corporation
1725 Jefferson Davis Highway
Crystal Square 2, Suite 403
Arlington, VA 22202

RE: Lockheed Martin Corp., Application for Authority to Launch and Operate a Geostationary Space Station in the Radionavigation Satellite Service; File Nos. SAT-LOA-19990427-00046, SAT-AMD-20030730-00151, SAT-AMD-20040130-00008, SAT-AMD-20040205-00012; Call Sign: S2371; 107.3° W.L. Orbital Location.

Dear Ms. Warren:

Lockheed Martin Corporation ("Lockheed") has filed an application for authority to launch and operate a geostationary space station, Call Sign: S2371, as part of its Regional Positioning System ("RPS"), a global radio-navigation satellite service ("RNSS") network. In its February 2004 amendment to its original application,¹ Lockheed seeks authority to launch and operate an RNSS payload aboard a satellite to be launched by Telesat Canada Corporation ("Telesat"). Lockheed states that Telesat holds an authorization from the Canadian government, for the satellite to be known as ANIK F1R, at the 107.3° W.L. orbital location.² Lockheed also provides some information regarding the arrangements between Telesat and Lockheed concerning the operations of the satellite. We request that Lockheed provide the additional information requested below.

1. *Agreement between Lockheed and Telesat.* Please provide copies of all contracts, agreements and understandings between Lockheed and Telesat pertaining to construction, launch, and operation of the ANIK F1R satellite, and associated ground-based communications infrastructure.

2. *Canadian Authorization.* Please provide a copy of the Canadian authorization referenced in page 5 of the Amended Application.³

3. *Telemetry, Tracking, and Control ("TT&C").* Please indicate whether Lockheed is seeking an FCC authorization to operate in the TT&C frequencies listed in its Amended Application (i.e., TT&C

¹ See Lockheed Martin Corp., *Amendment Application for Authority to Launch and Operate a Global System of Geostationary Orbit Satellites in the Radionavigation Satellite Service*, File No. SAT-AMD-20040205-00012, ("Amended Application").

² *Id* at 6.

³ *Id* at 5.

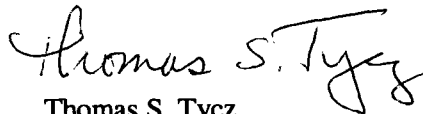
Telesat has sought authority from the Canadian Administration to operate in all or a portion of the same TT&C frequencies, and, if so, in which frequencies. Please provide a description of the specific arrangements between Lockheed and Telesat regarding TT&C functions for the spacecraft and for individual payloads on board the spacecraft. Please provide information regarding facilities, including landline or other control facilities, by which Lockheed will execute control operations. For example, please describe the procedure Lockheed would execute in the event that Lockheed was required to shut down the RNSS payload. Please also explain whether Lockheed will retain the ability, through actions initiated using its United States facilities, and without involvement by personnel in Canada, to cease operations of the RNSS payload.

4. *Radio Stations on the Anik F1R.* Please confirm that your application includes a complete list of all radio frequencies on which all radio stations aboard the Anik F1R spacecraft will operate. If not, please provide such a list.

5. *ITU Filings and Associated Frequencies.* Please provide a list of the International Telecommunication Union ("ITU") filings Lockheed contemplates that the spacecraft would operate pursuant to, specifically accounting for all the radio frequency bands, as provided in paragraph 4 above.

We request that Lockheed provide the above information in form of an amendment. We note that if Lockheed fails to respond to this letter by May 24, 2004, Lockheed's original application and amendments may be dismissed pursuant to sections 25.112(c) and 25.152(b) of the Commission's rules.

Sincerely,



Thomas S. Tycz
Chief
Satellite Division