



Federal Communications Commission
Washington, DC 20554

International Bureau

June 22, 2006

David K. Moskowitz
Executive Vice President and General Counsel
EchoStar Satellite Operating Corporation
9601 South Meridian Blvd
Englewood, CO 80112

Re: EchoStar Satellite Operating Corporation,
File No. SAT-MOD-20051007-00198 and SAT-AMD-20051118-00248
Call Sign: S2636

Dear Mr. Moskowitz:

This letter requests additional information regarding the above-referenced applications filed by EchoStar Satellite Operating Corporation. As required by condition 9 of its launch and operating authorization, EchoStar filed a modification to specify the frequencies for its telemetry, tracking, and control operations (TT&C).¹ On November 18, 2005, EchoStar filed an amendment to the modification to include an orbital debris mitigation plan, as required by section 25.114(d) of the Commission's rules.² To allow us to fully consider the applications before us, EchoStar is directed to further amend its application to address the issue discussed below.

EchoStar identifies physical coordination as the measure to be taken to prevent collisions with satellites known to be located (or reasonably expected to be located) at the 113° W.L. orbital position.³ EchoStar indicates that "once a launch vehicle manufacturer is selected" for its satellite, and a "launch plan, launch vehicle and launch scenario are developed, EchoStar will engage in physical coordination" Because the potential collision risks to be addressed are related to on-orbit operations rather than launch operations, we see no reason that disclosure of the necessary information must await selection of a launch vehicle manufacturer. In order to facilitate further Commission consideration of EchoStar's applications, EchoStar is directed to amend its applications to provide detailed information regarding the specific technical means

¹ EchoStar Satellite L.L.C., SAT-LOA-20040803-00154 (authorization to launch and operate a Ka-band satellite at 113° W.L., grant stamped with conditions on Oct. 8, 2004). See Policy Branch Information, Actions Taken, *Public Notice*, DA No. 04-3268 (rel. Oct. 15, 2004).

² EchoStar Satellite Operating Company, SAT-AMD-20051118-00248 (amendment to incorporate orbital debris mitigation plan).

³ *Public Notice*, International Bureau Satellite Division Information, Disclosure of Orbital Debris Mitigation Plans, Including Amendment of Pending Applications, DA 05-2698, Report No. SPB-112 (rel. Oct. 13, 2005); 47 C.F.R. § 25.114(d).

(e.g., eccentricity offset) by which such coordination will be effected including a discussion of whether EchoStar has assessed the feasibility of implementing a coordination plan based on these technical means.

The requested amendment must be filed with the Commission no later than July 24, 2006, with a courtesy copy to Alyssa Roberts of my staff. If EchoStar fails to respond to file the amendment by July 24 2006, its applications may be dismissed pursuant to sections 25.112(c) and 25.152(b) of the Commission's rules.⁴

Please contact Alyssa at (202) 418-7276 or Alyssa.Roberts@fcc.gov if you have any questions.

Sincerely,



Cassandra C. Thomas
Deputy Chief,
Satellite Division

⁴ See also *Amendment of the Commission's Space Station Licensing Rules and Policies* (First Report and Order), FCC 03-102, 18 FCC Rcd 10760 at ¶ 244 (2003).