



International Bureau

Federal Communications Commission  
Washington, DC 20554

April 27, 2005

Mr. Peter Hadinger  
Northrop Grumman Space &  
Mission Systems Corporation  
1000 Wilson Boulevard  
Arlington, VA 22209

Re: Northrop Grumman Space &  
Mission Systems Corporation  
File No. SAT-AMD-20040312-00030  
Call Sign S2254

Dear Mr. Hadinger:

This letter requests additional information regarding Northrop Grumman Space & Mission System Corporation's (Northrop) above referenced application for a NGSO FSS system in the Ka-band. The orbital parameters of Northrop's proposed system, as specified in the technical appendix, are identical to the orbital parameters provided by contactMEO Communications, LLC's (contactMEO) in its NGSO FSS Ka-band system application.<sup>1</sup> Please provide a written explanation within 15 days of the date of this letter as to what measures Northrop intends to take, with respect to the NGSO FSS component of these proposed satellite systems, in order to avoid in-orbit collisions. If you are relying on coordination of the two systems, please indicate what steps have been taken to contact contactMEO, and to ascertain the likelihood of successful coordination of physical operations.

This information must be filed with the Commission's secretary on or before May 12, 2005, with an electronic courtesy copy to Kal Krautkramer of my staff at [Kal.Krautkramer@fcc.gov](mailto:Kal.Krautkramer@fcc.gov) or hand delivered. Please contact Kal Krautkramer at (202) 418-1335 if you have any questions.

Sincerely,

Robert Nelson  
Chief  
Satellite Engineering Branch

cc: Mr. Stephen D. Baruch  
Leventhal Senter & Lerman

<sup>1</sup> Northrop Grumman Space & Mission Systems Corporation application, SAT-AMD-20040312-00030, Technical Appendix, at page 16, and contactMEO Communications, LLC application, File No. SAT-AMD-20040322-00057, Technical Appendix at page 10.