

January 9, 2013

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554



Re: Request for Special Temporary Authority
9.2m Ka-band Antenna, Riverside, California

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests Special Temporary Authority (“STA”)¹ for 30 days — from February 13, 2013 through March 14, 2013 — to allow Intelsat to utilize a 9.2m Ka-band antenna located at its Riverside, California teleport to perform in-orbit testing (“IOT”) of the Ka-band payload of the Amazonas-3 satellite at 67.5° W.L. Amazonas-3 currently is scheduled to be launched on February 8, 2013.² In support of its request, Intelsat submits the following information.

The testing will be performed in the following frequency bands: 18300-20200 MHz (downlink) and 28100-30000 MHz (uplink). The maximum uplink EIRP per carrier will be 88.0 dBW. Intelsat understands that the satellite’s manufacturer is coordinating the proposed transmissions with potentially affected operators. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

In further support of this request, Intelsat provides the relevant technical parameters in FCC Form 312, Schedule B, which is included as Exhibit A. In addition, Intelsat includes a waiver request as Exhibit B. Finally, Intelsat incorporates by reference the radiation hazard report and antenna gain patterns previously submitted for this antenna.³

¹ Intelsat has filed its STA request, an FCC Form 159, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

² Hispamar Satélites, S.A., the operator of Amazonas-3, has a pending Petition for Declaratory Ruling to add the satellite to the FCC’s C-, Ku-, and Ka-band Permitted Space Station Lists. *See Policy Branch Information; Satellite Space Applications Accepted for Filing*, Report No. SAT-00912, File No. SAT-PPL-20121018-00183 (Nov. 23, 2012) (Public Notice). The permanent orbital location for Amazonas-3 will be 61.0° W.L.

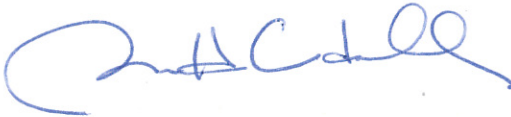
³ *See Satellite Communications Services Information; Actions Taken*, Report No. SES-01231, File No. SES-STA-20091204-01561 (Mar. 31, 2010).

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The in-orbit testing of the Amazonas-3 Ka-band payload at 67.5° W.L. is a critical step in ensuring that the satellite will be fully operational at its permanent orbital location of 61.0° W.L. This, in turn, will serve the public interest by helping to bring Ka-band capacity to customers at the 61.0° W.L. location.

Please direct any questions regarding this STA request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais