

March 14, 2013

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



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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days—from March 22, 2013 through April 20, 2013— of the Special Temporary Authority ("STA")<sup>1</sup> previously granted 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.<sup>2</sup> Intelsat seeks this extension because the testing has not been completed. Amazonas-3 was launched on February 7, 2013.<sup>3</sup> In support of its request, Intelsat submits the following information.

The testing will continue to 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.

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<sup>1</sup> Intelsat has filed this STA request, an FCC Form 159 and a \$180.00 filing fee electronically via the International Bureau's Filing System.

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01531, File No. SES-STA-20130109-00029 (Feb. 27, 2013) (Public Notice).

<sup>3</sup> 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.

Ms. Marlene H. Dortch  
March 14, 2013  
Page 2

In further support of this request, Intelsat incorporates herein by reference the relevant technical information and waiver request that were included as Exhibits A and B in the original STA request.<sup>4</sup> Finally, Intelsat incorporates by reference the radiation hazard report and antenna gain patterns previously submitted for this antenna.<sup>5</sup>

The continued 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 extension request to the undersigned at (202) 944-7848.

Respectfully submitted,



Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais

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<sup>4</sup> See *supra* n.2.

<sup>5</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01231, File No. SES-STA-20091204-01561 (Mar. 31, 2010).