

December 15, 2011

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



Re: Request for Extension of Special Temporary Authority  
Napa, California C/Ku-band Earth Station Testing

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 180-day extension – from December 22, 2011 through June 18, 2012 -- of the Special Temporary Authority<sup>1</sup> previously granted Intelsat to test a 1.2 meter Ku-band antenna.<sup>2</sup> Specifically, Intelsat intends to continue communicating with its Galaxy 16 satellite at 99.0° W.L. in the following frequencies: 14002-14038 MHz (uplink) and 11702-11738 MHz (downlink). During the testing, the antenna will continue to be located at Intelsat’s Napa, California teleport.

Intelsat seeks further testing of the feasibility of the antenna for certain services. Because the further testing will assist Intelsat in meeting customer demand for service, grant of this STA extension request is in the public interest. Intelsat does not anticipate seeking further extension beyond the extension sought herein.

In support of this extension request, Intelsat incorporates by reference Exhibit A of its initial STA request, which contains information showing that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating facility. 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, a \$180.00 filing fee and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01360, File No. SES-STA-20110510-00570 (June 29, 2011) (Public Notice). The Ku-band antenna that is being tested is mounted on the back of a 2.4 meter C-band antenna, with a switchable feed.

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

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Susan H. Crandall". The signature is fluid and cursive, with a large initial "S" and "C".

Susan H. Crandall  
Assistant General Counsel  
Intelsat Corporation

cc: Paul Blais