

September 8, 2011

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th 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 a 30-day extension -- from September 14, 2011 through October 13, 2011 -- of the Special Temporary Authority (“STA”)¹ previously granted Intelsat to test a 2.4 meter C-band antenna.² Specifically, Intelsat intends to continue communicating with its Intelsat 701 satellite at 180.0° E.L. in the following frequencies: 6342-6378 MHz (uplink, circular polarization) and 4117-4153 MHz (downlink, circular polarization). 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 proposed testing will assist Intelsat in meeting customer demand for service, grant of this STA extension request is in the public interest.

In support of this extension request, Intelsat incorporates by reference Exhibits A-E of its initial STA request, which contain technical information that demonstrates 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.

¹ 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”).

² The C-band antenna currently being tested is mounted on the front of a 2.4 meter C-/Ku-band antenna, with a switchable feed. *See email grant from Paul Blais*, File No. SES-STA-20110725-00856 (Aug. 12, 2011). Intelsat has separate authority to utilize the Ku-band antenna portion of this combined device. *See Satellite Communications Services Information; Actions Taken*, Report No. SES-01360, File No. SES-STA-20110510-00570 (June 29, 2011) (Public Notice).

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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