

July 25, 2011



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

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

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority¹ for 30 days, from August 15, 2011 through September 13, 2011, to test a 2.4 meter C-band antenna.² Specifically, Intelsat intends to communicate 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 be located at Intelsat's Napa, California teleport.

Intelsat seeks to test 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 request is in the public interest.

In support of this request, Intelsat is attaching Exhibits A-E, 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 that will be tested is mounted on the front of a 2.4 meter C-/Ku-band antenna, with a switchable feed. 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 request to the undersigned at
(202) 944-7848.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Susan H. Crandall', with a large, stylized initial 'S' and 'C'.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais