

December 5, 2012

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
Riverside, California Earth Station E040125

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a 30-day extension – through January 6, 2013 – of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its C-band earth station E040125 located in Riverside, California to provide launch and early orbit phase (“LEOP”) services for the Star One C3 satellite that was launched on November 10, 2012.² This extension is requested in order to complete the LEOP mission.

The Star One C3 LEOP operations will continue to be performed in the following frequency bands: 6423.5 MHz and 6425.5 MHz (uplink), and 4199.0 MHz and 4199.5 MHz (downlink). The continued LEOP operations will be coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path. All operators of satellites in that path will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

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 See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01502, File No. SES-STA-20121018-00942 (Public Notice) (Nov. 14, 2012). The Star One C3 satellite is licensed by Brazil and has been authorized to serve the United States from the 75° W.L. orbital location in the extended Ku-bands. See *Policy Branch Information; Actions Taken*, Report No. SAT-00880, File No. SAT-LOI-20110914-00180 (July 6, 2012) (Public Notice) (authorizing U.S. market access in the 13.75-14.0 GHz and 10.95-11.2 GHz frequency bands). The satellite will be in-orbit tested at 73° W.L.

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The 24x7 contact information for the Star One C3 LEOP mission is as follows:

Ph.: (202) 944-7701 – East Coast Operations Center (primary)

(310) 525-5900 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

In further support of this extension request, Intelsat incorporates by reference Exhibits A and B of the original STA request, which contain a waiver request, as well as 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 terrestrial facility. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Intelsat also notes that for purposes of the Star One C3 LEOP mission, it is seeking to operate in the frequencies listed in the request at power levels not to exceed 26.5 dBW. The technical information submitted with the original STA request reflects a power level as high as 29.1 dBW because that is the level at which Intelsat might operate in the event an emergency necessitates the use of a higher power level in order to command the satellite.

Grant of this STA extension request will allow Intelsat to help launch the Star One C3 satellite. This, in turn, will help ensure continuity of existing services at the 75° W.L. location, and thereby promotes the public interest.

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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 the first name being the most prominent.

Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

cc: Paul Blais