

July 20, 2012

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



Re: Request for Special Temporary Authority
Hagerstown, Maryland Earth Station E120051

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests a grant of Special Temporary Authority (“STA”)¹ for 30 days, commencing August 25, 2012, to use its Hagerstown, Maryland Ku-band earth station -- call sign E120051 -- to provide telemetry, tracking and command (“TT&C”) services for the Intelsat 21 satellite at 51.3° W.L. while the satellite undergoes in-orbit testing, as well as during the satellite’s drift to its permanent location of 58.0° W.L. Intelsat 21 currently is expected to be launched on or about August 16, 2012.

Upon launch and subject to receipt of FCC approval, Intelsat 21 will be located temporarily at 51.3° W.L. for in-orbit testing.² The satellite’s permanent location ultimately will be 58.0° W.L.³ The Intelsat 21 TT&C operations will be performed in the following frequency bands: 13994.5 MHz (H) and 13750.5 MHz (LHCP) in the uplink and 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz (LHCP/V) in the downlink.

Intelsat will coordinate the proposed TT&C operations at 51.3° W.L. with operators of co-frequency satellites within six degrees.⁴ During the drift from 51.3° W.L. to 58.0° W.L., Intelsat will coordinate with operators of co-frequency satellites in the drift path.

Operations in the 11451.25 MHz, 11451.75 MHz, 11453.25 MHz, and 11453.75 MHz frequencies in the downlink, and the 13750.5

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 *Intelsat License LLC Request for Special Temporary Authority*, File No. SAT-STA-20120711-00114 (filed July 11, 2012).

³ See *Policy Branch Information; Actions Taken*, Report No. SAT-00882, File No. SAT-RPL-20120326-00061 (July 13, 2012) (Public Notice).

⁴ See *supra* n. 2.

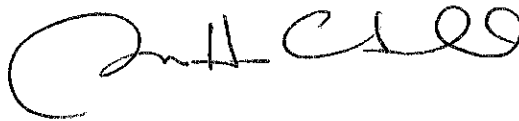
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MHz and 13994.5 MHz frequencies in the uplink, will be within the coordinated parameters of the antenna's license. As such, the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference 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.

The provision of TT&C services to the Intelsat 21 satellite at 51.3° W.L. and during the satellite's drift to 58.0° W.L. is critical to ensure the safe station-keeping of the satellite while it undergoes in-orbit testing and moves to its permanent location. This, in turn, will help ensure service continuity at the 58.0° W.L. location, and thereby promotes the public interest.

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

Respectfully submitted,



Susan H. Crandall
Assistant General Counsel
Intelsat Corporation

Cc: Paul Blais