

July 12, 2017

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

Re: Request for Further Extension of Special Temporary Authority
Hagerstown, Maryland Earth Station E140121

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat, to use its Hagerstown, Maryland Ku-band earth station—call sign E140121—to provide telemetry, tracking, and command (“TT&C”) to SKY-B1 at 43.15° W.L.² Intelsat has a pending application for authority to modify the license for this antenna on a permanent basis.³

The SKY-B1 TT&C operations will continue to be performed using the following frequencies: 13249.5 MHz (V & CP) and 14498.00 MHz (H & CP) in the uplink; and 11443 MHz (V & CP), 11443.5 MHz (V & CP), 11444.5 MHz (H & CP), 11446.5 MHz (V & CP), and 11447 MHz (V & CP) in the downlink. All operators of potentially affected satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the SKY-B1 mission is as follows:

Ph.: (703) 559-7701 – East Coast Operations Center (primary)
(310) 525-5591 – West Coast Operations Center (back-up)

Request to speak with Harry Burnham or Kevin Bell.

¹ Intelsat has filed its STA request, an FCC Form 159, a \$200.00 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-01959, File No. SES-STA-20170515-00567 (May 24, 2017) (Public Notice); *Satellite Communications Services Information; Actions Taken*, Report No. SES-01950, File No. SES-STA-20170412-00377 (Apr. 26, 2017) (Public Notice). SKY-B1, a U.S. licensed satellite, was launched on February 14, 2017. Intelsat’s previous STA request also included launch and early orbit phase (“LEOP”) services, TT&C during in-orbit testing, in-orbit testing, and TT&C for the satellite’s drift to 43.15°. LEOP services, IOT, and the drift are now complete. See Letter from Jennifer D. Hindin, Counsel for DIRECTV Enterprises, LLC, to Ms. Marlene H. Dortch, FCC, File Nos. SAT-MOD-20170221-00019, SAT-MOD-20150806-00054, SAT-RPL-20140221-00026, Call Sign S2922 (Mar. 28, 2017).

³ See *Intelsat License LLC, Modification of Hagerstown, MD Earth Station E140121 License to add SKY-B1(S2922) as a Point of Communications*, File No. SES-MOD-20170415-00385 (filed Apr. 15, 2017).

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The SKY-B1 TT&C operations at 43.15° W.L. will continue to be consistent with Intelsat's coordination agreements for the nominal 43° W.L. orbital location. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

In further support of this request, Intelsat incorporates by reference Exhibit A and Exhibit B, provided with its original request,⁴ and a supplement,⁵ 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 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.

Grant of this further extension STA request will help ensure safe station-keeping of the SKY-B1 satellite and continuity of service at the 43.15° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA request to the undersigned at (703) 559-6949.

Respectfully submitted,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais

⁴ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01931, File No. SES-STA-20170125-00059 (Feb. 22, 2017) (Public Notice).

⁵ See Letter from Cynthia J. Grady, Regulatory Counsel for Intelsat Corporation, to Ms. Marlene H. Dortch, FCC, FILE No. SES-STA-20170125-00059 (Feb. 1, 2017).