

July 19, 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 E170081

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 E170081—to provide telemetry, tracking, and command (“TT&C”) and communications services for the SKY-B1 satellite (S2922) at 43.15° W.L.² Intelsat has a pending permanent license application for this antenna.³

The SKY-B1 TT&C operations will continue to be performed using the following frequencies:

- 13249.5 MHz and 14498 MHz in the uplink; and
- 11443 MHz, 11447 MHz, 11443.5 MHz, and 11446.5 MHz in the downlink.

The SKY-B1 communications operations will continue to be performed using the following frequency bands:

- 12750-13250 MHz and 13750-14500 MHz in the uplink; and
- 11450-11700 MHz and 11700-12200 MHz in the downlink.

In further support of this further extension request, Intelsat herewith incorporates by reference the technical information previously provided regarding the operations of E170081.⁴ In addition, Intelsat

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 *Policy Branch Information; Actions Taken*, Report No. SAT-01961, File No. SES-STA-20170522-00576 (May 31, 2017) (Public Notice); *Policy Branch Information; Actions Taken*, Report No. SAT-01237, File No. SAT-MOD-20170221-00019 (May 12, 2017) (Public Notice).

³ See *Satellite Communications Services; Satellite Radio Applications Accepted For Filing*, Report No. 01944, File No. SES-LIC-20170310-00256 (Apr. 5, 2017) (Public Notice).

⁴ *Id.*

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will take all practical steps to protect radio astronomy services and will operate on a non-protected, non-interference basis. In the extremely unlikely event that harmful interference should occur, Intelsat will take all reasonable steps to eliminate the interference.

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

Grant of this STA further extension 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 further extension request to the undersigned at (703) 559-6949.

Respectfully submitted,



Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais