

May 19, 2017

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
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 extension request, Intelsat herewith incorporates by reference the technical information previously provided regarding the operations of E170081.⁴ In addition, Intelsat will take all

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-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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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 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 request to the undersigned at (703) 559-6949.

Respectfully submitted,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is fluid and cursive, with the first name being the most prominent.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais