

February 21, 2017

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

Re: Request for Special Temporary Authority to Operate a 13.1 meter Ku-band Antenna at Intelsat's Hagerstown, Maryland Teleport

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests a grant of Special Temporary Authority ("STA")¹ for 30 days, commencing March 13, 2017, to allow Intelsat to utilize a 13.1 meter Ku-band antenna located at its Hagerstown, Maryland teleport to provide telemetry, tracking, and command ("TT&C") and communications services for the SKY-B1 satellite (S2922) at 43.15° W.L.² Intelsat intends to file a permanent application for this antenna to support SKY-B1 operations in the near future.

The proposed TT&C operations will be performed using the following frequencies: 13249.5 MHz and 14498 MHz in the uplink; and 11443 MHz, 11447 MHz, 11443.5, and 11446.5 MHz in the downlink. The proposed communications operations will be performed using the following frequency bands:, 13750-14000 MHz and 14000-14500 MHz in the uplink; and 11450-11700 MHz and 11700-12200 MHz in the downlink.

In further support of this request, Intelsat hereby attaches Exhibits A-C, 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, and a Radiation Hazard Report. In addition, Intelsat 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 proposed operations 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.

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 DIRECTV Enterprises, LLC Fleet Management Notice for SKY-B1 Satellite, Call Sign S2922, File No. SAT-MOD-20170221-00019 (filed Feb. 21, 2017).

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Grant of this 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,

A handwritten signature in blue ink that reads "Cynthia J. Grady". The signature is written in a cursive, flowing style.

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais