

October 25, 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
Paumalu, Hawaii Earth Station E120008

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 30 days of Special Temporary Authority (“STA”)¹ previously granted Intelsat to use its Paumalu, Hawaii Ku-band earth station—call sign E120008—to provide telemetry, tracking, and command (“TT&C”) services for Intelsat 1R (S2368) during its drift from 169.2° W.L. to 157.1° E.L. and on-station at 157.1° E.L.² Intelsat 1R began drifting September 22, 2017 -- utilizing a non-U.S. TT&C antenna -- and the drift will take approximately six weeks.³

TT&C operations will continue to be performed in the following frequencies: 14498.5 MHz (Earth-to-space); and 11696 MHz and 11697 MHz (space-to-Earth). The drift operations will be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁴ All operators of satellites in that path 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 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-01996, File No. SES-STA-20170926-01060 (Oct. 4, 2017) (Public Notice).

³ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-01263, File No. SAT-STA-20170626-00100 (Aug. 25, 2017) (Public).

⁴ Intelsat will handle the coordination.

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The Intelsat 1R TT&C operations at 157.1° E.L. will be consistent with Intelsat's coordination agreements for the nominal 157° E.L. orbital location. 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 allow Intelsat to continue drifting the Intelsat 1R satellite to, and safely station-keep the satellite, at its new location. This, in turn, will help Intelsat meet a potential service demand at the 157.1° E.L. orbital location and thereby promotes the public interest.

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

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady
Regulatory Counsel
Intelsat Corporation

cc: Paul Blais