

January 28, 2020

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 to Operate New Transportable Antennas

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)¹ previously granted to Intelsat² to utilize 50 transportable Ku-band antennas (collectively, the “Antennas”), within the United States and its territories to communicate with Intelsat satellites in order to provide customer service.³ The Antennas are all Satcube .42 meter flat panel antennas that will transmit while stationary. Intelsat shortly will be seeking permanent authority to use these antennas.

The communication service will continue to be performed in the following frequency bands: 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth). The Satcube .42 meter antenna has a transmit gain of 31.7 dB at 14.5 MHz and a receive gain of 30.9 dB at 14.5 MHz. The total EIRP for all carriers is 46 dBW.

The 24x7 contact information for the operations is as follows:

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$210.00 filing fee electronically via the International Bureau’s Filing System.

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02230, File No. SES-STA-20191212-01764 (Jan. 8, 2020) (Public Notice).

³ The satellite used by each individual Satcube .42 meter antenna is determined by the location of the antenna and satellite availability. Both factors, antenna location and satellite, are unique to each antenna and may change over the course of the STA period. As such, Intelsat is seeking to communicate with its fleet of satellites in order to support customer service on the Antennas. The proposed operations will be consistent with all applicable coordination agreements.

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Ph.: (404) 589-3360 – Intelsat Secure Operations Center

Request to speak with Jerry Funk.

In further support of this request, Intelsat incorporates by reference Exhibit A of its original request,⁴ a Radiation Hazard Report. In the extremely unlikely event that harmful interference should occur due to transmissions to or from these antennas, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA extension request will serve the public interest by enabling Intelsat to continue providing new customer services.

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
Senior Counsel
Intelsat US LLC

cc: Paul Blais

⁴ See *supra* n. 2.