



March 3, 2023

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
45 L Street NE
Washington, DC 20554

Re: Request for Extension of Special Temporary Authority to Operate Starwin ESA50
Ku-band Flat Panel Antenna

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to operate a Starwin ESA50 0.5m flat-panel Ku-band antenna in motion while vehicle mounted in the continental United States.² Intelsat expects the testing to last an additional two months.³

The requested operations are in the following frequency bands: 11700-12200 MHz (downlink) and 14000-14500 MHz (uplink). The antenna will continue to communicate with Galaxy 11 (S2253), Galaxy 18 (S2733), SKY-B1 (S2922), and Intelsat 37e (S2972). In support of this request, Intelsat incorporates by reference Exhibits A and B of its original request, which contain additional operational information and a Radiation Hazard Report as, respectively.⁴

The 24x7 contact information for the requested operations is: Tony Williams at (404) 381-2744.

In the extremely unlikely event that harmful interference should occur due to transmissions to or from its antenna, Intelsat will take all reasonable steps to eliminate the interference.

¹ Intelsat has filed its STA request, FCC Form 159, a \$220.00 filing fee, and this supporting letter electronically via the International Bureau's Filing System.

² See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02542, File No. SES-STA-20230111-00037 (Feb. 15, 2023) (Public Notice).

³ Intelsat will not operate within 150 km of the Tracking and Data Relay Satellite System sites in Blossom Point, Maryland and White Sands, New Mexico.

⁴ See *supra*, n. 2.

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The requested operations will enable Intelsat to test new equipment. Accordingly, grant of this STA extension request is in the public interest.

Respectfully submitted,

/s/ W. Ray Rutngamlug
W. Ray Rutngamlug
Associate General Counsel
Intelsat US LLC

cc: Franco Hinojosa