



January 31, 2022

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

Re: Request for Extension of Special Temporary Authority
Castle Rock, Colorado Earth Station KL92

Dear Ms. Dortch:

Intelsat License LLC, as debtor in possession ("Intelsat"), herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat² to use its Castle Rock, Colorado Ku-band earth station, Call Sign KL92, to provide telemetry, tracking, and command ("TT&C") services for the Intelsat 5 (Call Sign S2704) satellite during its drift to 166.15° E.L.³ Intelsat 5 began drifting on January 20, 2022. Intelsat expects the drift to last approximately 45 days.

The Intelsat 5 TT&C operations will continue to be performed at the following frequencies: 13999.0 MHz (RHCP) and 14498.0 MHz (H) in the uplink; and 11451.0 MHz (H/V/RHCP) and 11452.0 MHz (H/V/RHCP) in the downlink. With the exception of the emission designators,⁴ the proposed operations are within the parameters of the license.⁵

The TT&C operations will continue to be coordinated with all operators of satellites that use the same frequency bands and are in the drift path.⁶ All operators of satellites in these paths have

¹ Intelsat has filed its STA request, FCC Form 159, a \$210.00 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-02432, File No. SES-STA-20211129-01845 (Jan. 12, 2022) (Public Notice). Intelsat originally sought authority both to drift Intelsat 5 to 166.15° E.L. as well as authority to operate it on-station at that location.

³ The previous STA listed Intelsat 5's final location as 166.0° E.L. The final on-station location has since been updated to 166.15° E.L.

⁴ The uplink and downlink emission designators are 1M00F2D and 500KG2D, respectively. The size of the uplink carrier is 1 MHz and the downlink carrier is 500 kHz.

⁵ See *Satellite Communications Services Information; Actions Taken*, Report No. SES-02174, File No. SES-MOD-20180611-01388 (June 26, 2019) (Public Notice).

⁶ Intelsat will handle the coordination.

been provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs.

The 24x7 contact information for the Intelsat 5 mission 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 Kevin Bell or Glen Jones.

Intelsat incorporates by reference the 13.75-14 GHz coordination report supplement submitted with its original request.⁷ In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth station, Intelsat will take all reasonable steps to eliminate the interference.

Grant of this STA extension request will allow Intelsat to drift the Intelsat 5 satellite to its new location. This, in turn, will help provide services at the 166.15° E.L. location and thereby promotes the public interest.

For the reasons set forth herein, Intelsat respectfully requests that the Federal Communications Commission grant this STA extension request. 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

Assistant General Counsel, Intelsat US LLC
on behalf of Intelsat License LLC

cc: Kerry Murray

⁷ See *supra*, n. 2.