



May 4, 2023

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

Re: Request for Further 60-day Extension of Special Temporary Authority to Operate
Intelsat 5 at 166.15° E.L.; Call Sign: S2704

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to operate Intelsat 5 (S2704) at 166.15° E.L.² Intelsat has filed an application for permanent authority to operate at this new location.³

On-station at 166.15° E.L., Intelsat 5 is nominally collocated with Intelsat 19 (S2850). Intelsat 5's frequencies are as follows:

- Telemetry, tracking, and control:
 - 11.451 GHz, 11.452 GHz, and 11.454 GHz (space-to-Earth);
 - 13.999 GHz and 14.498 GHz (Earth-to-space).
- Communications:
 - 3700-4200 MHz, 10.70-10.95 GHz, 11.20-11.45 GHz and 11.45-11.7 GHz (space-to-Earth);
 - 5925-6425 MHz, 12.75-13.25 GHz, and 14.0-14.25 GHz (Earth-to-space).

The approximate coverage area of Intelsat 5 at 166.15° E.L is attached as Exhibit A.

Grant of this further STA extension request will not result in increased risk of harmful interference. Intelsat will continue to operate Intelsat 5 in conformance with relevant coordination agreements concerning the nominal 166° E.L. location and the Federal Communications Commission's rules governing operations vis-à-vis adjacent locations. Should any interference occur, Intelsat will take all reasonable steps to eliminate such interference.

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$1,600.00 filing fee electronically via the International Bureau's Filing System.

² See, e.g., *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01713, File No. SAT-STA-20230313-00057 (Mar. 31, 2023) (Public Notice).

³ See Intelsat License LLC, Application to Modify Authorization for Intelsat 5, File No. SAT-MOD-20230308-00050 (filed Mar. 8, 2023).

Ms. Marlene H. Dortch
May 4, 2023
Page 2

Grant of this further STA extension request is in the public interest because it will allow Intelsat to continue providing additional capacity from the nominal 166° E.L. orbital location.

Please direct any questions to the undersigned at (703) 559-7799.

Respectfully submitted,

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

cc: Merissa Velez
Jennifer Balatan

EXHIBIT A
Intelsat 5@166.15°E Japan Ku-band space-to-Earth Coverage

