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January 27, 2020

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Re: Request for Extension of Special Temporary Authority
Ellenwood, Georgia Earth Station E030306

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")[1] previously granted to Intelsat[2] to use its Ellenwood, Georgia C-band earth station (Call Sign E030306) to provide telemetry, tracking, and command ("TT&C") services for Intelsat 901 (Call Sign S2405)[3] prior to, during, and after its docking mission with MEV-1 (Call Sign S2990).[4]

Intelsat will provide TT&C services to Intelsat 901 during (1) the spacecraft's orbit raising to 300 km above geostationary arc;[5] (2) the spacecraft's docking with MEV-1 at 300 km above the geostationary arc; and (3) the drift as a combined vehicle stack ("CVS") with MEV-1 from 300 km above the

[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-02230, File No. SES-STA-20191211-01709 (Jan. 8, 2020) (Public Notice).

[3] *See Policy Branch Information; Actions Taken*, Report No. SAT-01397, File No. SAT-MOD-20190207-00009 (Jun. 21, 2019) (Public Notice).

[4] *See Policy Branch Information*; *Actions Taken*, Report No. SAT-01397, File No. SAT-AMD-20190207-00008 (Jun. 21, 2019) (Public Notice).

[5] Once 300 km above geostationary orbit, the spacecraft will drift West until it rendezvouses with MEV-1. The rendezvouses is expected to occur at approximately 220° E.L.

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geostationary arc to 27.5° W.L.[6] Intelsat expects the orbit raising, drift, and docking to last approximately 9 weeks and reinsertion to last approximately 45 days. The orbit raising of Intelsat 901 began December 9, 2019.

The Intelsat 901 TT&C operations will continue to be performed at the following frequencies: 3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth); and 6173.7 MHz and 6176.3 MHz (Earth-to-space).

Intelsat will continue to follow industry practices for coordinating TT&C transmission during the orbit raising, docking, and reinsertion process. All operators of satellites in the drift path have 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 operations pursuant to this STA 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 Luis DeSilva or Michael Ryan.

Operations pursuant to this STA extension are within the coordinated operations of the earth station's permanent license. 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 safely dock the MEV-1 satellite to the Intelsat 901 satellite, reinsert the CVS into the geostationary arc, and provide continuity of service at 27.5° W.L. This request thereby promotes the public interest.

Please direct any questions regarding this 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

[6] While docked with MEV-1, Intelsat 901 will use TT&C for health and telemetry monitoring; Intelsat 901's TT&C will not be used for maneuvers while docked to MEV-1.