



May 30, 2023

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

Re: Request for 60 Days of Special Temporary Authority for Three 1.2m Antennas  
**Expedited Treatment Requested**

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 60 days of Special Temporary Authority ("STA"),<sup>1</sup> commencing June 2, 2023, to use three 1.2m Ku-band antennas to communicate with Intelsat 40e (S3066) at 91.0° W.L. for network monitoring. Intelsat intends to file a permanent application to operate these antennas.<sup>2</sup>

The requested operations will be performed at the following frequency bands: 14000-14500 MHz (Earth-to-space) and 10825-12200 MHz (space-to-Earth).<sup>3</sup> The antennas are located at each of the following Intelsat teleports: Ellenwood, GA, Napa, CA, and Nuevo, CA.

The 24x7 contact information for the operations 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 Glen Jones or Mike Ryan.

In support of this request, Intelsat herewith attaches Exhibit A, which contains additional operational information.

Intelsat's proposed operations with Intelsat 40e will conform to existing applicable coordination agreements and the Commission's rules governing operations vis-à-vis adjacent locations. In the extremely unlikely event that harmful interference should occur due to transmissions to or from its earth stations, Intelsat will take all reasonable steps to eliminate the interference.

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

<sup>2</sup> See 47 C.F.R. § 25.120(b)(3) (permitting 60 days of STA when "the applicant plans to file a request for regular authority for the service").

<sup>3</sup> The Federal Communications Commission ("Commission") granted Intelsat's request for waiver of footnote NG52 of the Table of Allocations for Intelsat 40e. See *Application for Authority to Launch and Operate Intelsat 40e at 91.0° W.L.*, File Nos. SAT-LOA-20200413-00035, SAT-AMD-20220408-00039, Stamp Grant at Condition 9 (granted Mar. 31, 2023). To the extent necessary, Intelsat requests waiver of footnote NG52 for the operations requested herein for the reasons set forth in the Intelsat 40e license application. See *id.*, Legal Narrative at 4-5.

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This expedited request is in the public interest because it will allow Intelsat to ensure customer service at the 91.0° W.L. orbital location.

Please direct any questions the undersigned at (703) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady

Cynthia J. Grady  
Assistant General Counsel  
Intelsat US LLC

cc: Franco Hinojosa

## EXHIBIT A

Intelsat License LLC  
Request for 60 Days of Special Temporary Authority for Three 1.2m Antennas

|                                              |                               |
|----------------------------------------------|-------------------------------|
| Antenna Size (m)                             | 1.2                           |
| Transmit Frequencies (MHz)                   | 14000-14500                   |
| Receive Frequencies (MHz)                    | 10825-12200                   |
| Emission Designator(s)                       | 1M0KF2D and 2M0KF2D           |
| Polarization                                 | Linear                        |
| Bandwidth                                    | 1 MHz and 2 MHz               |
| Transmit Gain                                | 43.3 dBi at 14.3 GHz          |
| Maximum EIRP per Carrier (dBW)               | 48.07                         |
| Maximum EIRP Density per Carrier (dBW/4 kHz) | 24.1 and 21.1                 |
| Site Location 1                              | Ellenwood, GA                 |
| Latitude/Longitude (WGS84)                   | 33° 39' 52" N, 84° 16' 17" W  |
| Site Location 2                              | Napa, CA                      |
| Latitude/Longitude (WGS84)                   | 39° 16' 38" N, 104° 48' 20" W |
| Site Location 3                              | Nuevo, CA                     |
| Latitude/Longitude (WGS84)                   | 33° 47' 45" N, 117° 5' 16" W  |
| Satellite Point(s) of Communication          | Intelsat 40e                  |
| Satellite Call Sign                          | S3066                         |
| Satellite Type                               | Geostationary                 |
| Satellite Location                           | 91.0° W.L.                    |