



March 24, 2023

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

Re: Request for Special Temporary Authority
Call Sign E170039; Nuevo, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing May 2, 2023, to use its Nuevo, California Ka-band earth station, Call Sign E170039, to provide in-orbit testing ("IOT") services to Intelsat 40e (S3066) at its final orbital location of 91.0° W.L. Intelsat 40e is scheduled to launch no earlier than April 7, 2023. Intelsat expects to begin two months of IOT on May 2, 2023.

The proposed IOT will be performed at the following frequency bands:

- 27500-29100 MHz and 29300-30000 MHz (uplink); and
- 17800-19400 MHz and 19600-20200 MHz (downlink).²

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 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 request will allow Intelsat to help test Intelsat 40e and place it into service, which will provide continuity of service and additional Ku- and Ka-band capacity over the continental United States. Grant of this request will thereby promote the public interest.

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

² Additional operational information is provided in Exhibit A.

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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 Request for STA to Support Intelsat 40e IOT

Earth Station	E170039
Antenna size (m)	9.2
Transmit Frequencies (MHz)	27500-30000
Receive Frequencies (MHz)	17800-20200
Transmit Gain	66 dBi at 28350.0 MHz
Polarization	Circular
Emission Designators	N0N
Bandwidth	1 MHz
Maximum EIRP per Carrier (dBW)	88
Maximum EIRP Density per Carrier (dBW/4 kHz)	58
Site Location	Nuevo, California
Latitude/Longitude (NAD83)	33° 47' 42.7" N, 117° 05' 22.5" W
Satellite Point(s) of Communication	Intelsat 40e
Satellite Call Sign	S3066
Satellite Type	Geostationary
Satellite Location	91.0° W.L.