



May 24, 2023

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

Re: Request for 180 Days of Special Temporary Authority
Call Sign KA450; Napa, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 180 days of Special Temporary Authority ("STA"),¹ commencing August 1, 2023, to use its Napa, California Ku-band earth station, KA450, to provide telemetry, tracking, and command ("TT&C") services on-station for the Intelsat 40e (S3066) satellite.² Intelsat 40e was launched on April 7, 2023, and is currently undergoing in-orbit testing on-station at 91.0° W.L. Intelsat will seek permanent authority for the herein requested operations.³

The Intelsat 40e operations are being performed at the following frequencies:
14000.0-14030.0 MHz (Earth-to-space); and
12170.0-12200.0 MHz (space-to-Earth).

The 24x7 contact information for the Intelsat 40e 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 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 provide services at the 91.0° W.L. location and thereby promotes the public interest.

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 Intelsat is operating as requested pursuant to 30-day STA, see *Satellite Communications Services Information; Actions Taken*, Report No. SES-02564, File No. SES-STA-20230301-00241 (May 3, 2023) (Public Notice); see also Intelsat License LLC, Request for Special Temporary, File No. SES-STA-INTR2023-02346 (filed May 23, 2023).

³ In support of this request, additional operational information is attached as Exhibit A.

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

Respectfully submitted,

/s/ W. Ray Rutngamlug

W. Ray Rutngamlug
Associate General Counsel
Intelsat US LLC

cc: Franco Hinojosa

EXHIBIT A

Intelsat's Request for 180-days of STA to provide TT&C for Intelsat 40e

Earth Station	KA450
Antenna Size (m)	9.0
Transmit Frequencies (MHz)	14000.0 – 14030.0
Receive Frequencies (MHz)	12170.0 – 12200.0
Emission Designator(s)	1M00F2D
Polarization	Circular
Bandwidth	1 MHz
Transmit Gain	60.4 dBi at 14.25 GHz
Maximum EIRP per Carrier (dBW)	85
Maximum EIRP Density per Carrier (dBW/4 kHz)	61.02
Site Location	Napa, CA
Latitude/Longitude (NAD83)	38° 14' 42.8" N, 122° 16' 48.9" W
Satellite Point(s) of Communication	Intelsat 40e
Satellite Call Sign	S3066
Satellite Type	Geostationary
Satellite Location	91.0° W.L.