



March 1, 2023

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

Re: Request for Special Temporary Authority
Napa, California Earth Station KA450

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing April 25, 2023, to use its Napa, California Ku-band earth station, Call Sign KA450, to provide telemetry, tracking, and command ("TT&C") services on-station for the Intelsat 40e (S3066) satellite.² Intelsat 40e is expected to launch no earlier than April 7, 2023, and is expected to arrive on-station no earlier than April 25, 2023. Intelsat will seek permanent authority for the herein requested operations.

The Intelsat 40e operations will initially be performed at the following frequencies:

- 14000.5 MHz and 14003.0 MHz (uplink); and
- 12197.5 MHz, 12198.0 MHz, 12198.5 MHz, and 12199.0 MHz (downlink).

Notwithstanding the foregoing, Intelsat may perform TT&C at other frequencies in the full range of the following frequency bands as operational needs may require:

- 14000.0 – 14030.0 MHz (uplink); and
- 12170.0 – 12200.0 MHz (downlink).

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.

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

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Grant of this STA request will allow Intelsat to provide services at the 91.0° W.L. location and thereby promotes the public interest.

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 STA to provide TT&C for Intelsat 40e

Earth Station	KA450
Antenna Size (m)	9.0
Transmit Frequencies (MHz)	14000.5 and 14003.0; 14000.0 – 14030.0
Receive Frequencies (MHz)	12197.5, 12198.0, 12198.5, and 12199.0; 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.