



May 18, 2023

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

Re: Request for 15-day Extension of Special Temporary Authority
Call Sign KL92; Castle Rock, Colorado

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 15 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to use its Castle Rock, Colorado Ku-band earth station, KL92, to provide launch and early orbit phase ("LEOP") services to ViaSat-3 (S2917).² ViaSat-3 was launched on April 30, 2023. Intelsat expects to provide LEOP services for an additional 15 days.

The ViaSat-3 operations are being performed at the following frequencies:
14000.00-14500.00 MHz (Earth-to-space) and
11700.00-12200.00 MHz (space-to-Earth)³

The 24x7 contact information for the ViaSat-3 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.

The LEOP operations have been coordinated with all operators of satellites that use the same frequency bands and are in the LEOP path.⁴ All operators of satellites in that path have been provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs. 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.

Finally, Intelsat clarifies that during the ViaSat-3 LEOP mission, Boeing is serving as the mission manager. Boeing builds and sends the commands to the Intelsat antenna, which processes and

¹ Intelsat has filed its STA request, FCC Form 159, a \$20.00 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-02560, File No. SES-STA-20230125-00096 (Apr. 19, 2023) (Public Notice).

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

⁴ Boeing, the manager of the ViaSat-3 mission, will handle the coordination.

Ms. Marlene H. Dortch
May 18, 2023
Page 2

executes the commands. Telemetry received by Intelsat is forwarded to Boeing. Intelsat performs the ranging sessions by sending a tone to the spacecraft periodically. Intelsat remains in control of the baseband unit, RF equipment, and antenna.

Grant of this STA extension request will allow Intelsat to help place the ViaSat-3 satellite at its final orbital location. This will help provide services at the 88.9° W.L. orbital 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 License LLC Request for Extension of Special Temporary Authority

Earth Station Call Sign	KL92
Antenna size (m)	12.5
Transmit Frequencies (MHz)	14000.00-14500.00
Receive Frequencies (MHz)	11700.00-12200.00
Emission Designator	1M00F2D and 1M50F2D
Polarization	Circular
Bandwidth	1 MHz
Transmit Gain	63.7 dBi at 13.750 GHz
Maximum EIRP per Carrier (dBW)	85
Maximum EIRP Density per Carrier (dBW/4 kHz)	61.0 and 59.2
Site Location	Castle Rock, CO
Latitude/Longitude (NAD83)	39° 16' 35.2" N, 104° 48' 24.7" W
Satellite Point(s) of Communication	ViaSat-3
Satellite Call Sign	S2917
Satellite Type	Geostationary
Satellite Location	transit orbit to 88.9° W.L.