



April 18, 2023

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

Re: Request for Special Temporary Authority
Call Sign E040174; Castle Rock, Colorado

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing May 2, 2023, to use its Castle Rock, Colorado earth station, Call Sign E040174, to provide telemetry, tracking, and command ("TT&C") services for Galaxy 17 (Call Sign S2715) during the satellite's drift to 85.0° W.L.² Galaxy 17 is expected to start drifting from its current location of 91.0° W.L. to 85.0° W.L. on May 2, 2023.³ Intelsat expects the drift to last approximately one week.⁴

The Galaxy 17 operations will be performed at the following frequencies:
5925.500 MHz and 6424.500 MHz (uplink); and
4197.125 MHz and 4198.875 MHz (downlink).

The 24x7 contact information for the Galaxy 17 drift 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.

All potentially affected operators will be 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.

Grant of this STA request will allow Intelsat to safely drift Galaxy 17 to its new location. This, in turn, will help provide services at the 85.0° W.L. location and thereby promotes the public interest.

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

² Additional operational information is provided in Exhibit A.

³ See Intelsat License LLC, Request for Special Temporary Authority, File No. SAT-STA-20230417-00091 (filed Apr. 17, 2023) (requesting authority to drift Galaxy 17 to, and operate at, 85.0° W.L.).

⁴ Intelsat is requesting 30 days of STA to accommodate any potential delays.

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For the reasons set forth herein, Intelsat respectfully requests that the Federal Communications Commission grant this STA request.

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

EXHIBIT A

Intelsat License LLC Request for Special Temporary Authority

Earth Station	E040174
Antenna Size (m)	9
Transmit Frequencies (MHz)	5925.500 and 6424.500
Receive Frequencies (MHz)	4197.125 and 4198.875
Emission Designator(s)	1M00F2D
Polarization	Linear/Circular
Bandwidth	1 MHz
Transmit Gain	53.8 dBi
Maximum EIRP per Carrier (dBW)	80
Maximum EIRP Density per Carrier (dBW/4 kHz)	56
Site Location	Castle Rock, CO
Latitude/Longitude (NAD83)	39° 16' 33" N, 104° 48' 34" W
Satellite Point(s) of Communication	Galaxy 17
Satellite Call Sign	S2715
Satellite Type	Geostationary
Satellite Location	n/a