



April 11, 2023

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

Re: Request for Special Temporary Authority to Drift Galaxy 35 to 93.1° W.L.
Call Sign E220021; Napa, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing May 1, 2023, to use its Napa, California C-band earth station, Call Sign E220021, to provide telemetry, tracking, and command ("TT&C") services for Galaxy 35 (Call Sign S3143) during the satellite's drift to, and on-station at, 93.1° W.L.² Galaxy 35 is expected to start drifting to 93.1° W.L. on May 1, 2023.³ Intelsat expects the drift to last approximately eight days.

The Galaxy 35 drift operations will be performed at the following frequencies:
6422.0 MHz and 6424.5 MHz (uplink); and
4196.75 MHz and 4198.25 MHz, and (downlink).

Operations on-station at 93.1° W.L. will be in the following frequency bands:
5925-6425 MHz (uplink); and
4000-4200 MHz (downlink).

The 24x7 contact information for the Galaxy 35 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 35 to its new location. This, in turn, will help provide services at the 93.1° W.L. location and thereby promotes the public interest.

¹ Intelsat has filed its STA request, FCC Form 159, a 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 to Drift Galaxy 35 to, and Operate at, 93.1° W.L., File No. SAT-STA-20230407-00078 (filed Apr. 7, 2023).

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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) 559-7799.

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 Special Temporary Authority to Drift Galaxy 35 to 93.1° W.L.

Earth Station	E220021
Antenna Size (m)	9
Transmit Frequencies (MHz)	6422.0 and 6424.5; 5925-6425
Receive Frequencies (MHz)	4196.75 and 4198.25; 4000-4200
Emission Designator(s)	1M00F2D
Polarization	Linear/Circular
Bandwidth	1 MHz
Transmit Gain	53.6 dBi at 6.250 GHz
Maximum EIRP per Carrier (dBW)	85
Maximum EIRP Density per Carrier (dBW/4 kHz)	61
Site Location	Napa, CA
Latitude/Longitude (NAD83)	38° 14' 42.0" N, 122° 16' 43.6" W
Satellite Point(s) of Communication	Galaxy 35
Satellite Call Sign	S3143
Satellite Type	Geostationary
Satellite Location	N/A