



April 24, 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 12 to 137.1° W.L.
Call Sign E010113; Fillmore, California

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests 30 days of Special Temporary Authority ("STA"),¹ commencing May 15, 2023, to use its Fillmore, California C-band earth station, Call Sign E010113, to provide telemetry, tracking, and command ("TT&C") services for Galaxy 12 (Call Sign S2422) during the satellite's drift from 129.0° W.L. to 137.1° W.L.² Galaxy 12 is expected to start drifting on May 15, 2023.³ Intelsat expects the drift to last 40 days.

The Galaxy 12 operations will be performed at the following frequencies:
6424.500 MHz (uplink); and
4198.000 MHz and 4199.875 MHz (downlink).

The 24x7 contact information for the Galaxy 12 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 12 to its new location. This, in turn, will help provide services at the 137.1° W.L. location and thereby promotes the public interest.

¹ Intelsat has filed its STA request, FCC Form 159, a \$220.00 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-20230424-00094 (filed Apr. 24, 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) 559-6949.

Respectfully submitted,

/s/ Cynthia J. Grady
Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Franco Hinojosa

EXHIBIT A

Intelsat License LLC

Request for Special Temporary Authority to Drift Galaxy 12 to 137.1° W.L.

Earth Station	E010113
Antenna Size (m)	9.2
Transmit Frequencies (MHz)	6424.5
Receive Frequencies (MHz)	4198.0 and 4199.875
Emission Designator(s)	1M00F2D
Polarization	Linear
Bandwidth	1 MHz
Transmit Gain	53.0 dBi at 6.0 GHz
Maximum EIRP per Carrier (dBW)	80
Maximum EIRP Density per Carrier (dBW/4 kHz)	56
Site Location	Fillmore, California
Latitude/Longitude (NAD83)	34° 24' 17.0" N, 118° 53' 39" W
Satellite Point(s) of Communication	Galaxy 12
Satellite Call Sign	S2422
Satellite Type	Geostationary
Satellite Location	N/A