



May 8, 2023

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

Re: Request for Special Temporary Authority to Operate Galaxy 12 at 137.1° W.L.;
Call Sign S2422

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests Special Temporary Authority ("STA")¹ for 30 days, commencing June 21, 2023, to operate Galaxy 12 (S2422) at 137.1° W.L. Galaxy 12 is expected to begin drifting from its currently licensed location of 129.0° W.L. on May 15, 2023, and to arrive on-station at 137.1° W.L. on June 21, 2023.² Intelsat intends to file an application for permanent authority to operate at this new location.

On-station at 137.1° W.L., Intelsat requests authority to operate Galaxy 12 in the following frequencies:

- Telemetry, tracking, and control ("TT&C")
 - 4198.0 MHz and 4199.875 MHz (space-to-Earth)
 - 6424.5 MHz (Earth-to-space)
- Communications
 - 3700-4200 MHz (space-to-Earth)³
 - 5925-6425 MHz (Earth-to-space)

The approximate coverage area of Galaxy 12 at 137.1° W.L. is attached as Exhibit A.

Grant of this STA request is in the public interest because it will allow Intelsat to provide new capacity from the nominal 137.0° W.L. orbital location.

¹ Intelsat has filed this STA request, an FCC Form 312, a \$1,600.00 filing fee electronically via the International Bureau's Filing System.

² See Intelsat License LLC, Request for Special Temporary Authority, File No. SAT-STA-20230424-00094 (filed Apr. 24, 2023) (requesting STA to drift Galaxy 12 to 137.1° W.L.).

³ Intelsat will operate the Galaxy 12 satellite in accordance with the Commission's *C-band Order* and Footnote NG182 of the U.S. Table of Frequency Allocations. See *Expanding Flexible Use of the 3.7 to 4.2 GHz Band*, Report and Order and Order of Proposed Modification, 35 FCC Rcd 2343, 2391 ¶ 112 (2020) ("*C-band Order*"); 47 C.F.R. § 2.106, NG182.

Ms. Marlene H. Dortch
May 8, 2023
Page 2

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

Respectfully submitted,

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

cc: Merissa Velez
Jennifer Balatan

Exhibit A
Galaxy 12 at 137.1.° W.L. Coverages

C-Band North America Horizontal Downlink

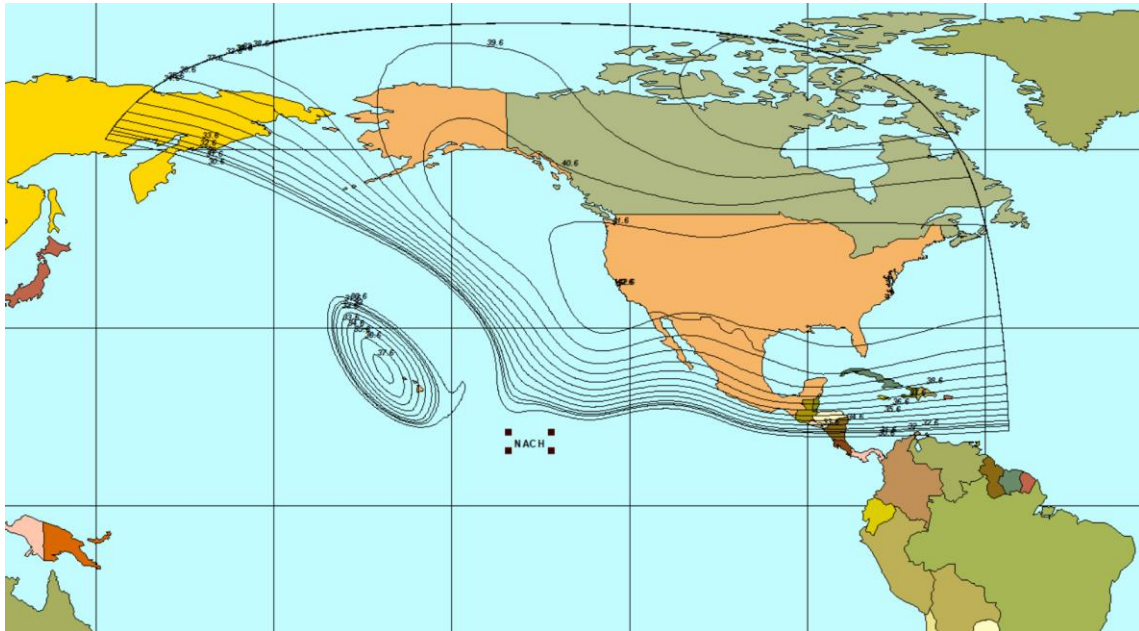


Figure 1: C-band North America horizontal downlink

C-Band North America Vertical Downlink

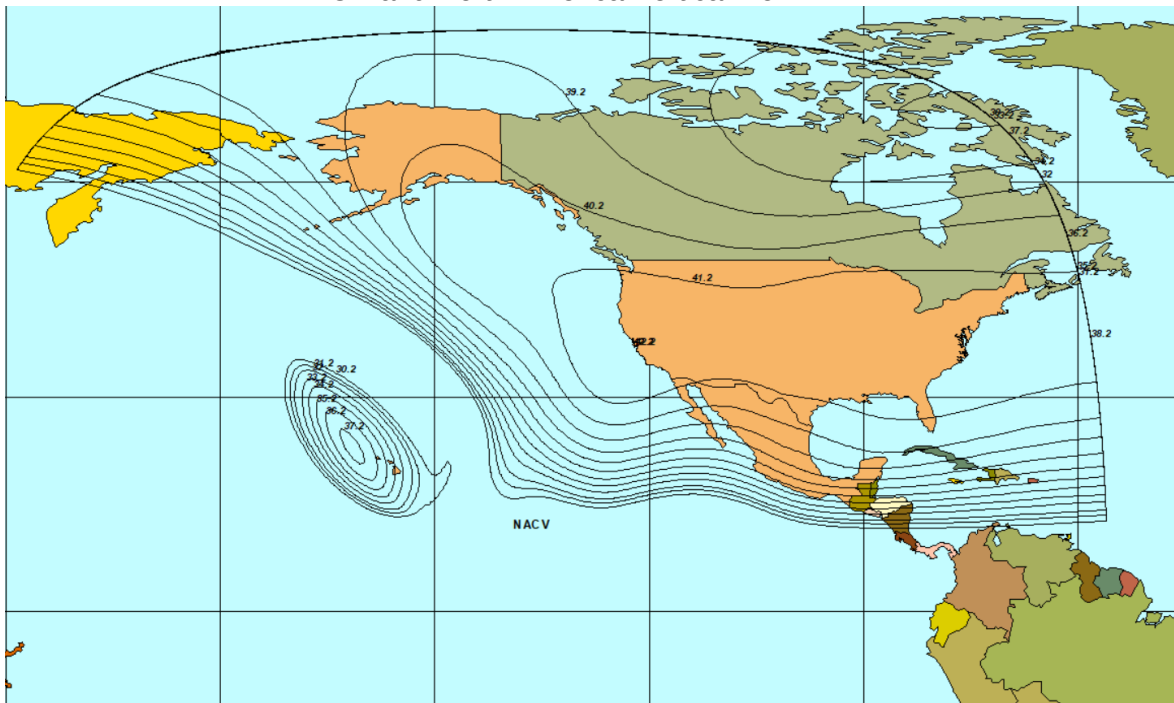


Figure 2: C-band North America vertical downlink

Exhibit A continued

C-Band North America Horizontal Uplink

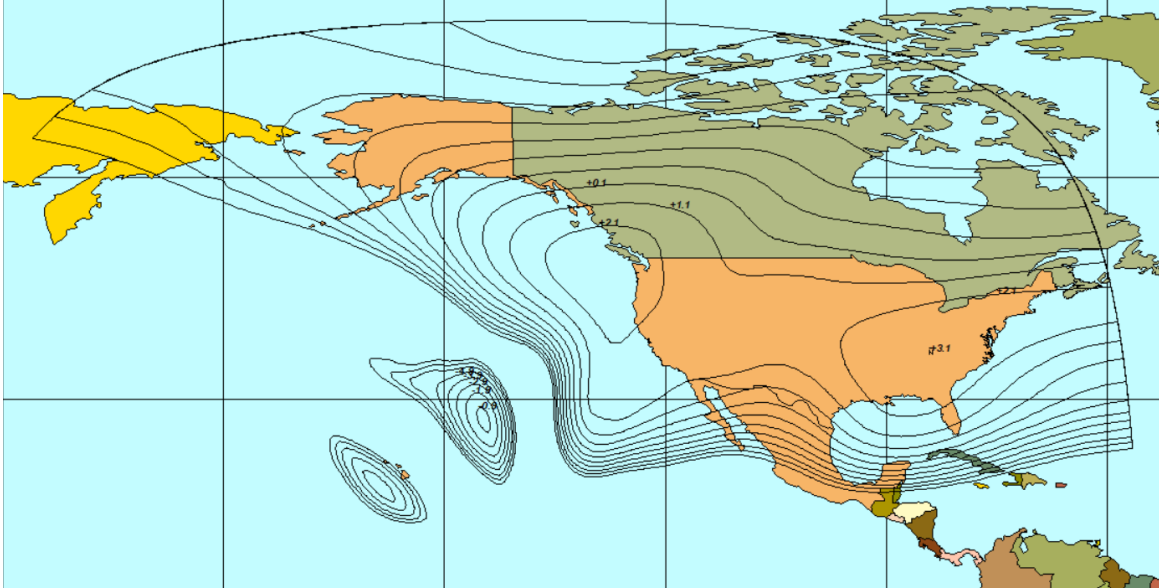


Figure 3: C-band North America horizontal uplink

C-Band North America Vertical Uplink

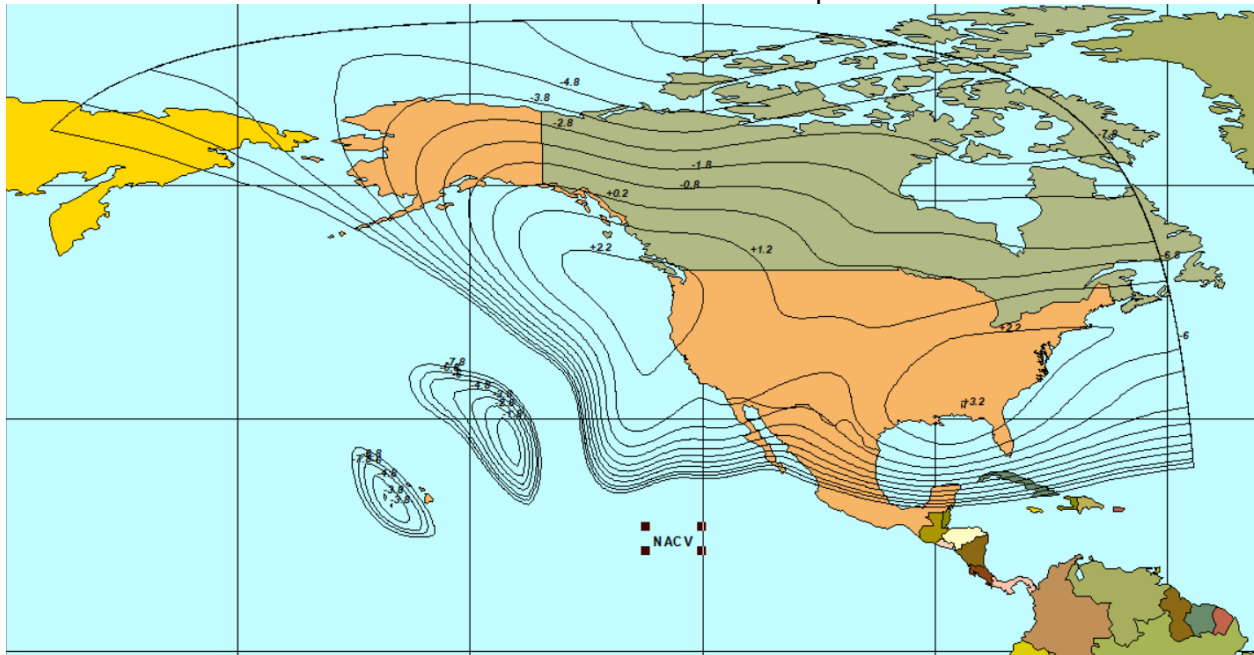


Figure 4: C-band North America vertical uplink