



April 26, 2023

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

Re: Request for Further Extension of Special Temporary Authority to Operate
Intelsat 902 at 50.1° W.L. with New C-band Coverage; Call Sign: S2406

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 30 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to operate the Intelsat 902 satellite's C-band—telemetry, tracking, and control ("TT&C") and communications frequencies—over new coverage areas in order to satisfy customer service demands.²

Intelsat 902's specific C-band frequencies are:

TT&C

3947.5 MHz, 3948.0 MHz, 3952.0 MHz, and 3952.5 MHz (space-to-Earth); and
6173.7 MHz and 6176.3 MHz (Earth-to-space)

Communications

3625-4200 MHz (space-to-Earth); and
5850-6425 MHz (Earth-to-space)

Intelsat 902 is permanently licensed to operate at 50.1° W.L. with different C-band coverages than requested herein.³ The requested coverage area is being obtained by biasing the satellite platform.⁴ Intelsat's continued operations will conform to all applicable coordination agreements and the Federal Communications Commission's rules governing operations vis-à-vis adjacent locations.

¹ Intelsat has filed this STA request, an FCC Form 159, and a \$1,600.00 filing fee electronically via the International Bureau's Filing System.

² See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01706, File No. SAT-STA-20230327-00064 (Mar. 3, 2023) (Public Notice). See also Intelsat License LLC, Request for Special Temporary Authority, File No. SAT-STA-20230327-00064 (filed Mar. 27, 2023).

³ See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01488, File No. SAT-MOD-20200326-00028 (Aug. 7, 2020) (Public Notice).

⁴ The beam coverage is enclosed as Exhibit A. The Ku-band coverage is not affected by the platform bias. Intelsat plans to seek permanent authority to support the requested coverage change.

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The continued operations will allow Intelsat to meet new customer service needs. Accordingly, grant of this further STA extension request is in the public interest.

Please direct any questions regarding this further STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

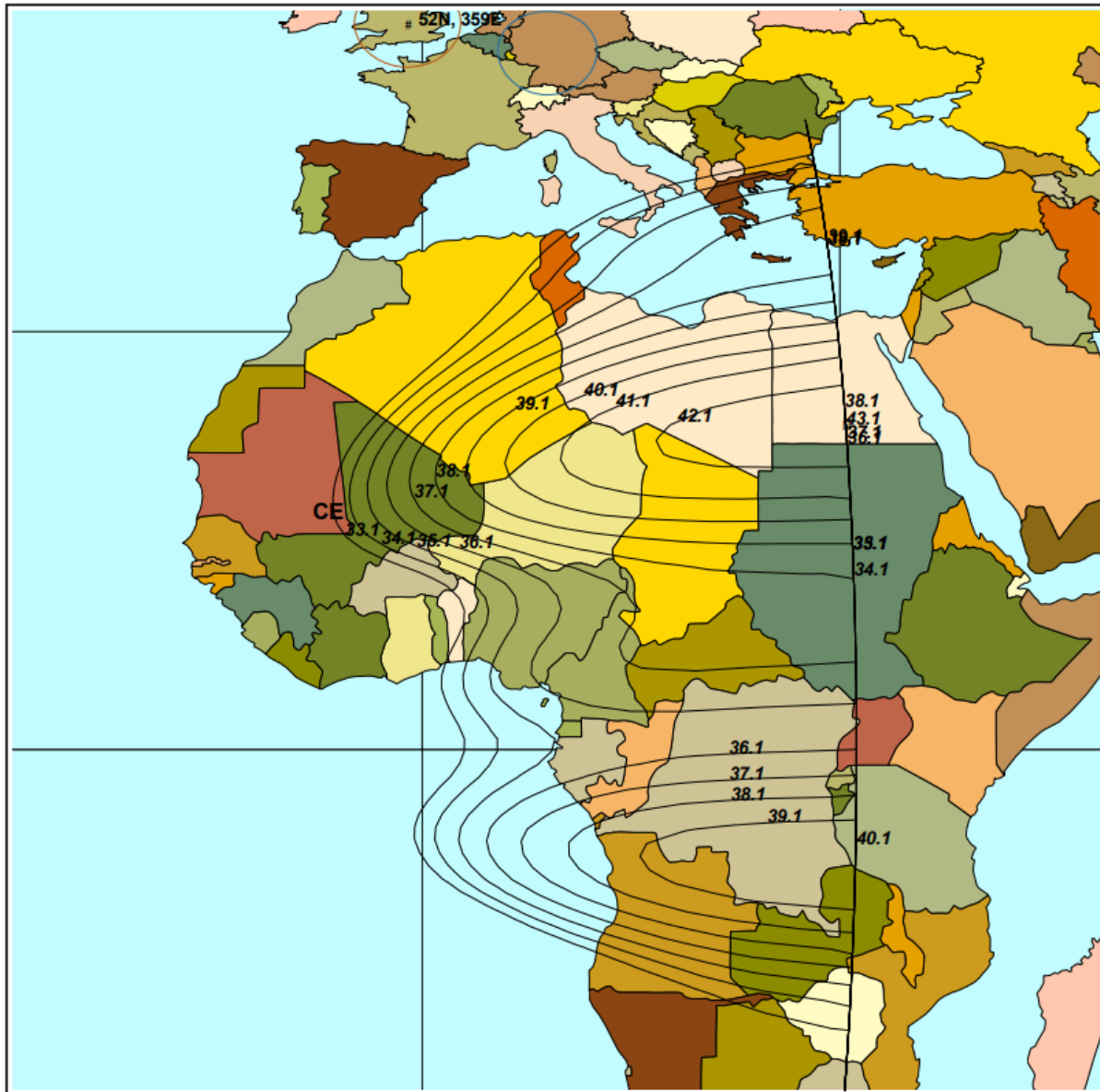
/s/ Cynthia J. Grady
Cynthia J. Grady
Assistant General Counsel
Intelsat US LLC

cc: Merissa Velez
Jennifer Balatan
Jay Whaley

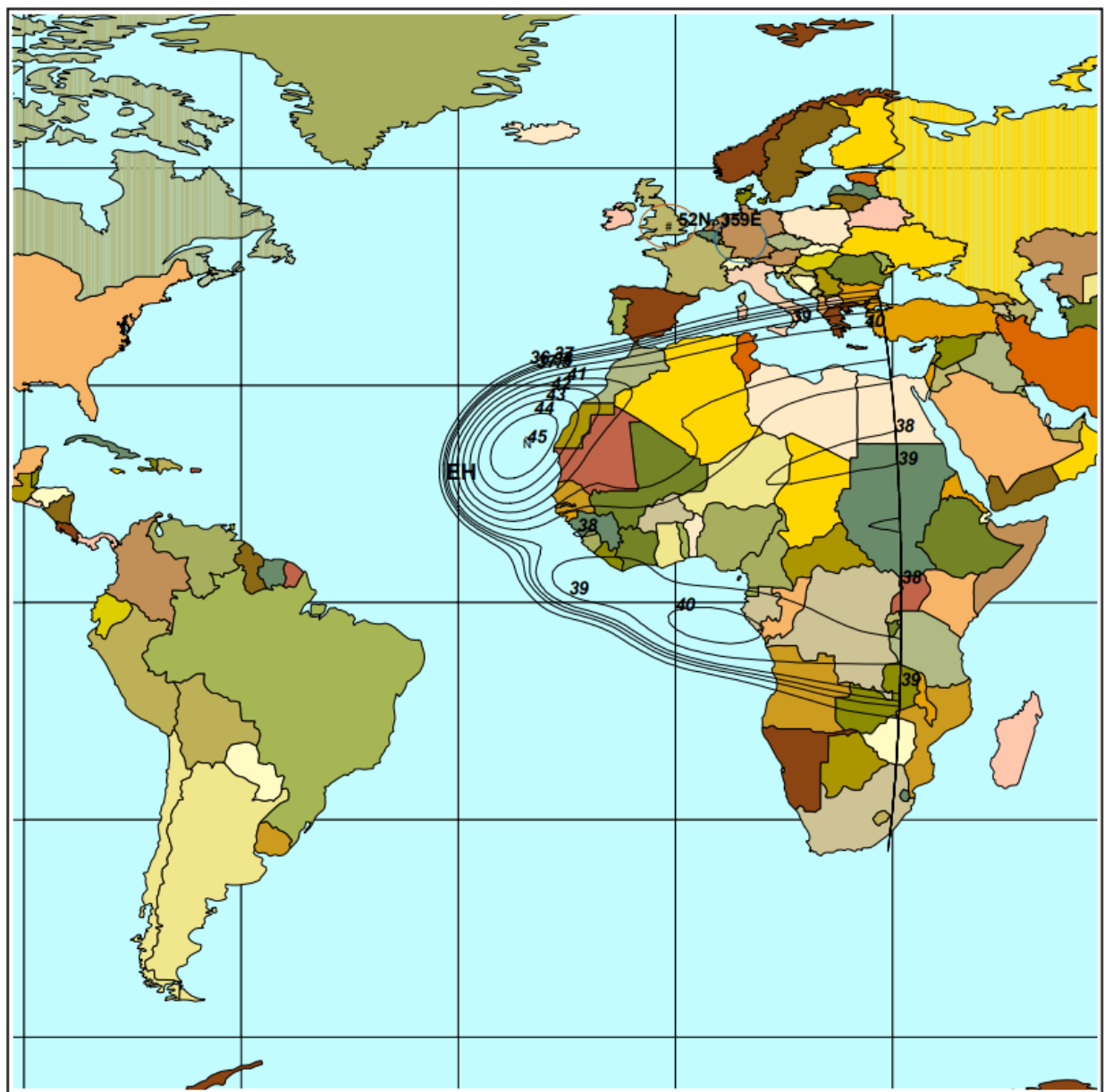
Exhibit A

IS-902 at 50.1° W.L./309.9° E.L. Platform Bias New C-band Coverages

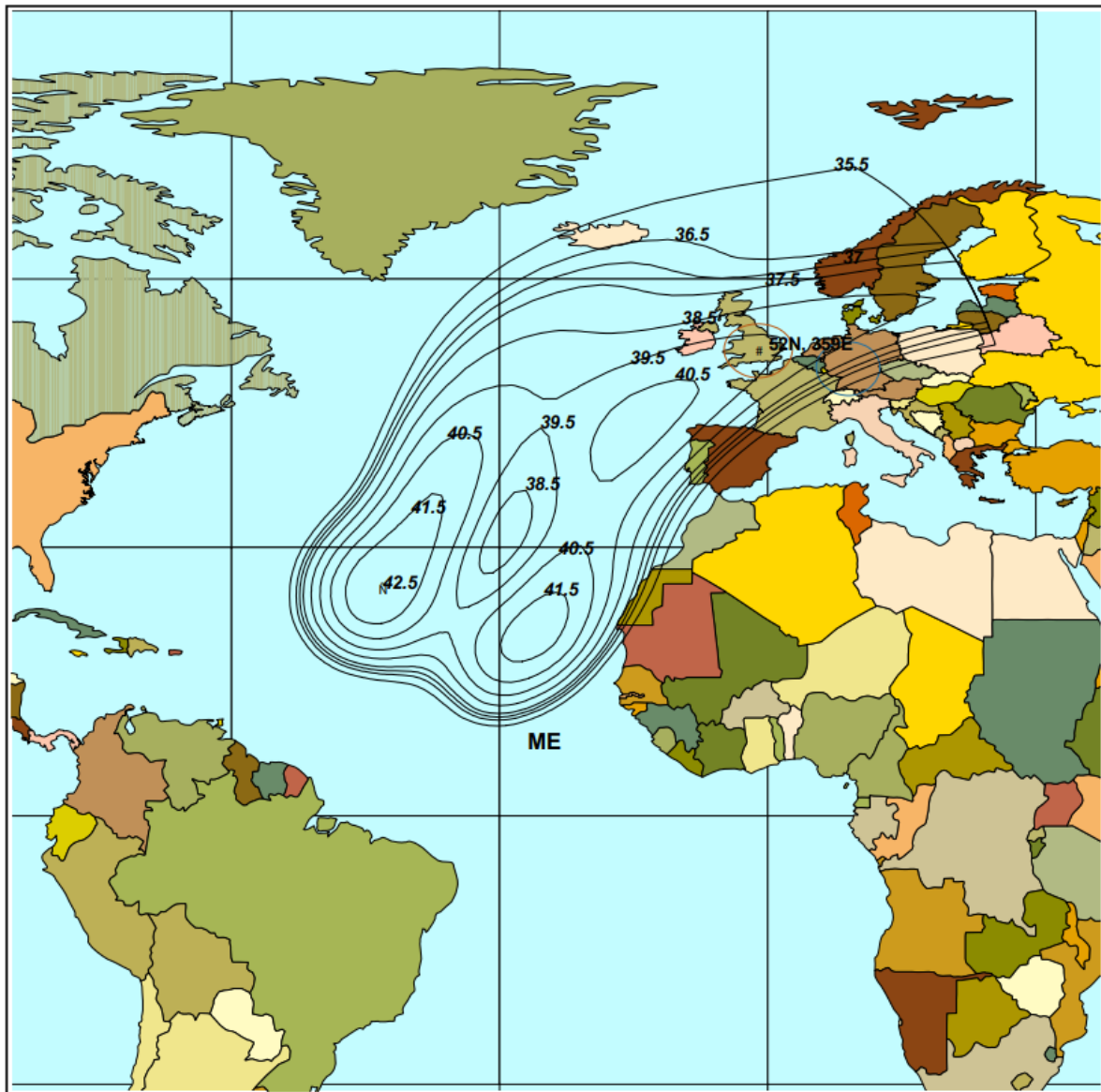
Combined East Zone Beam Coverage



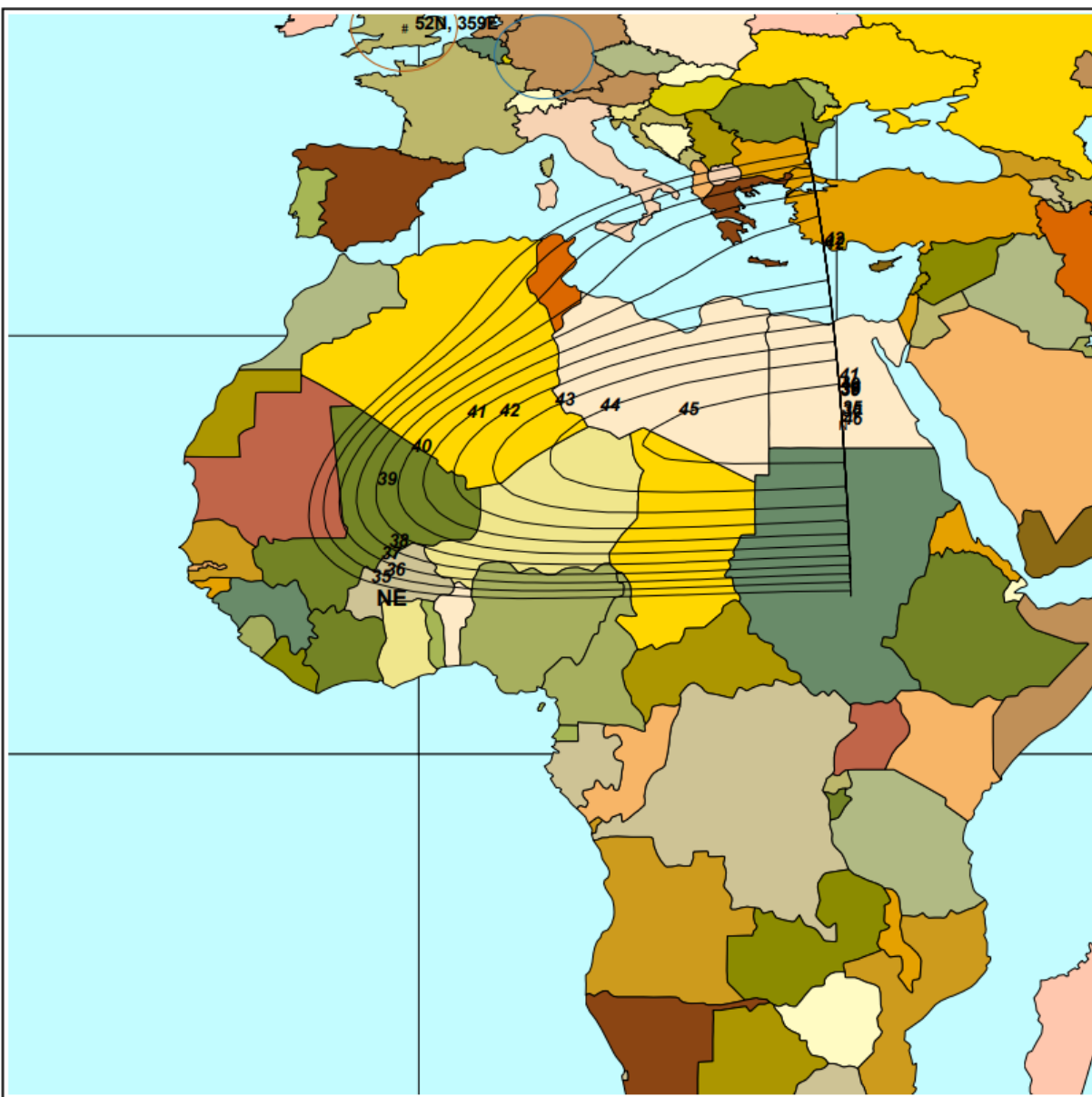
East Hemi Beam Coverage



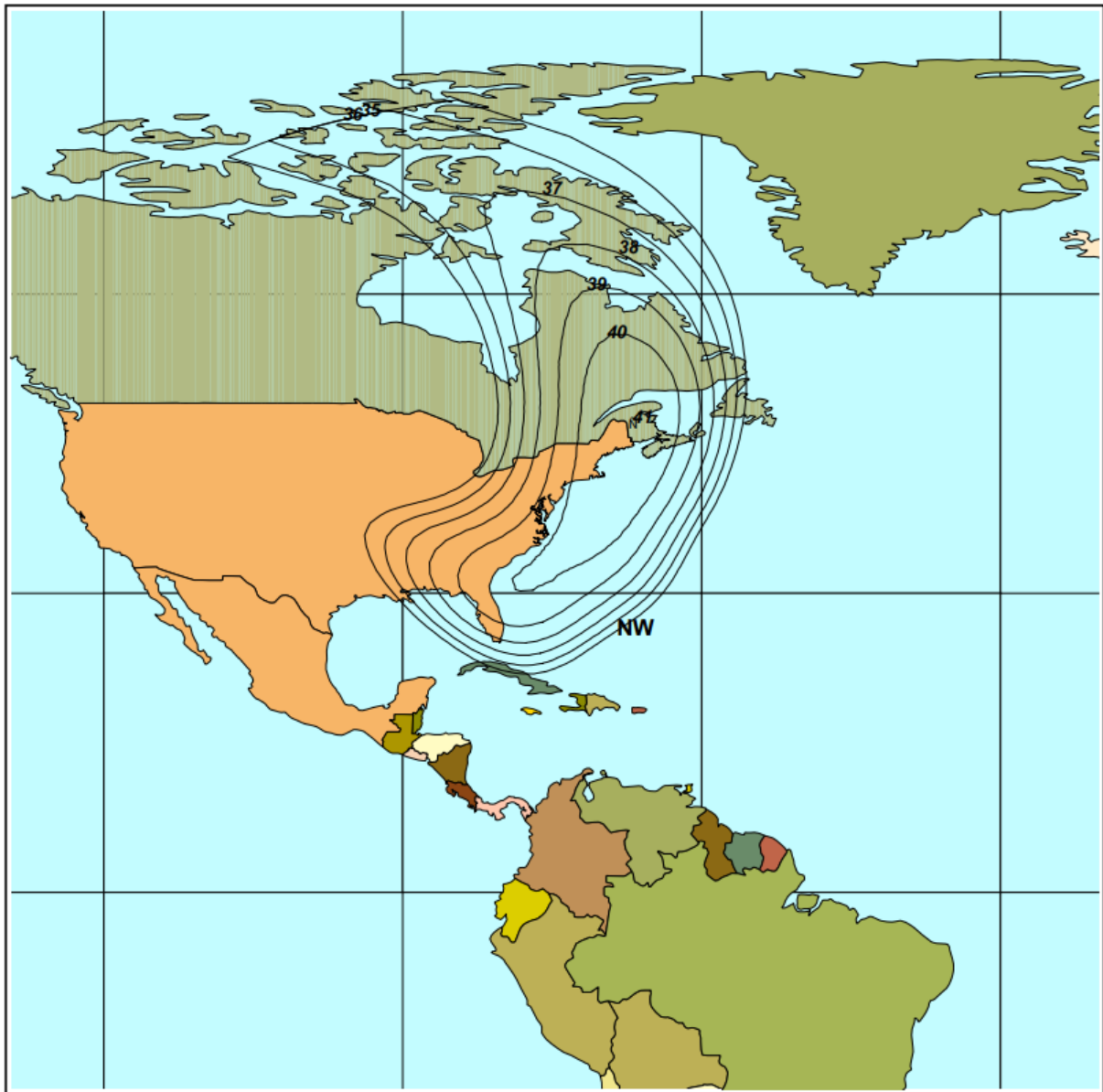
Mideast Zone Beam Coverage



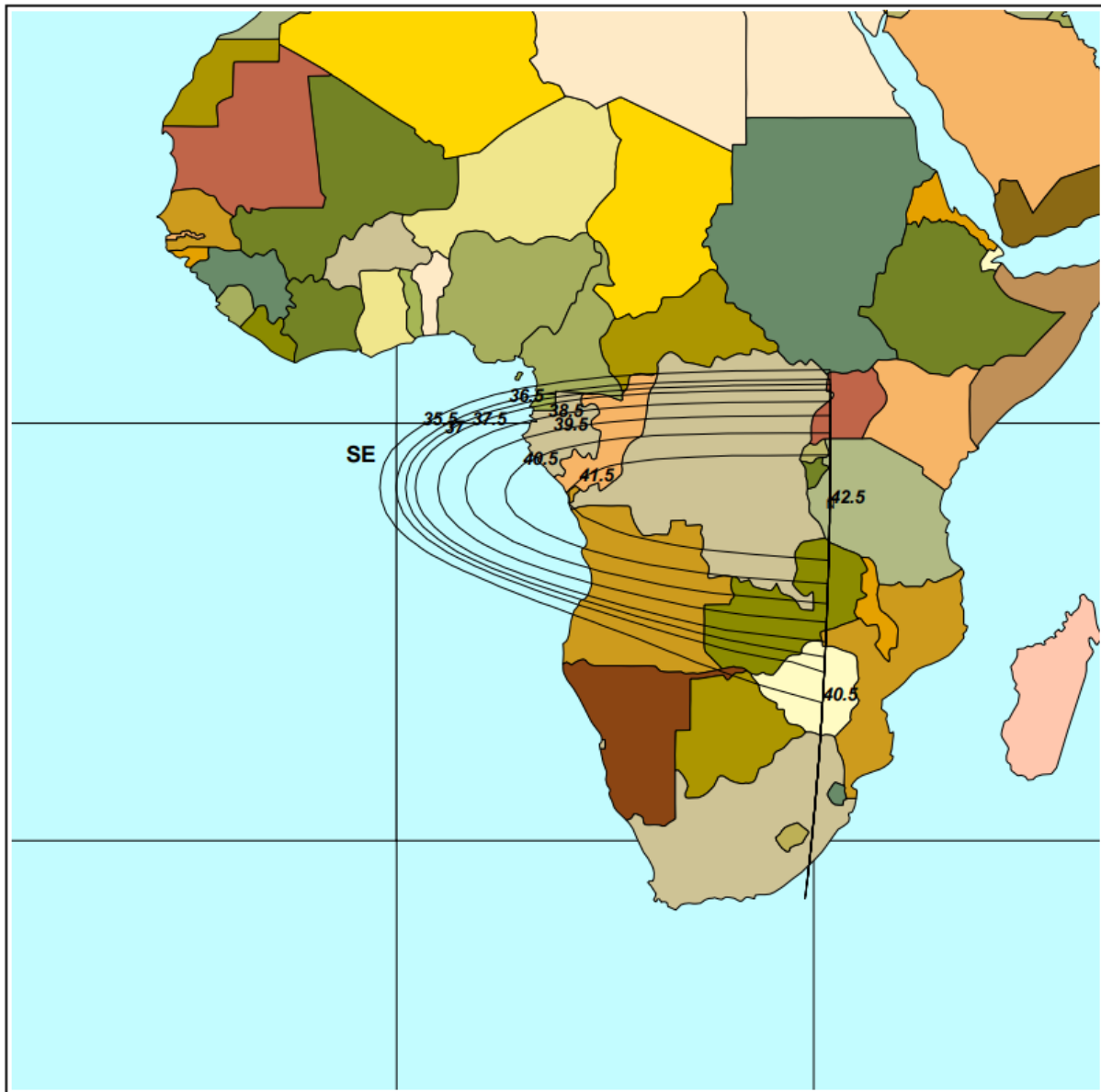
Northeast Zone Beam Coverage



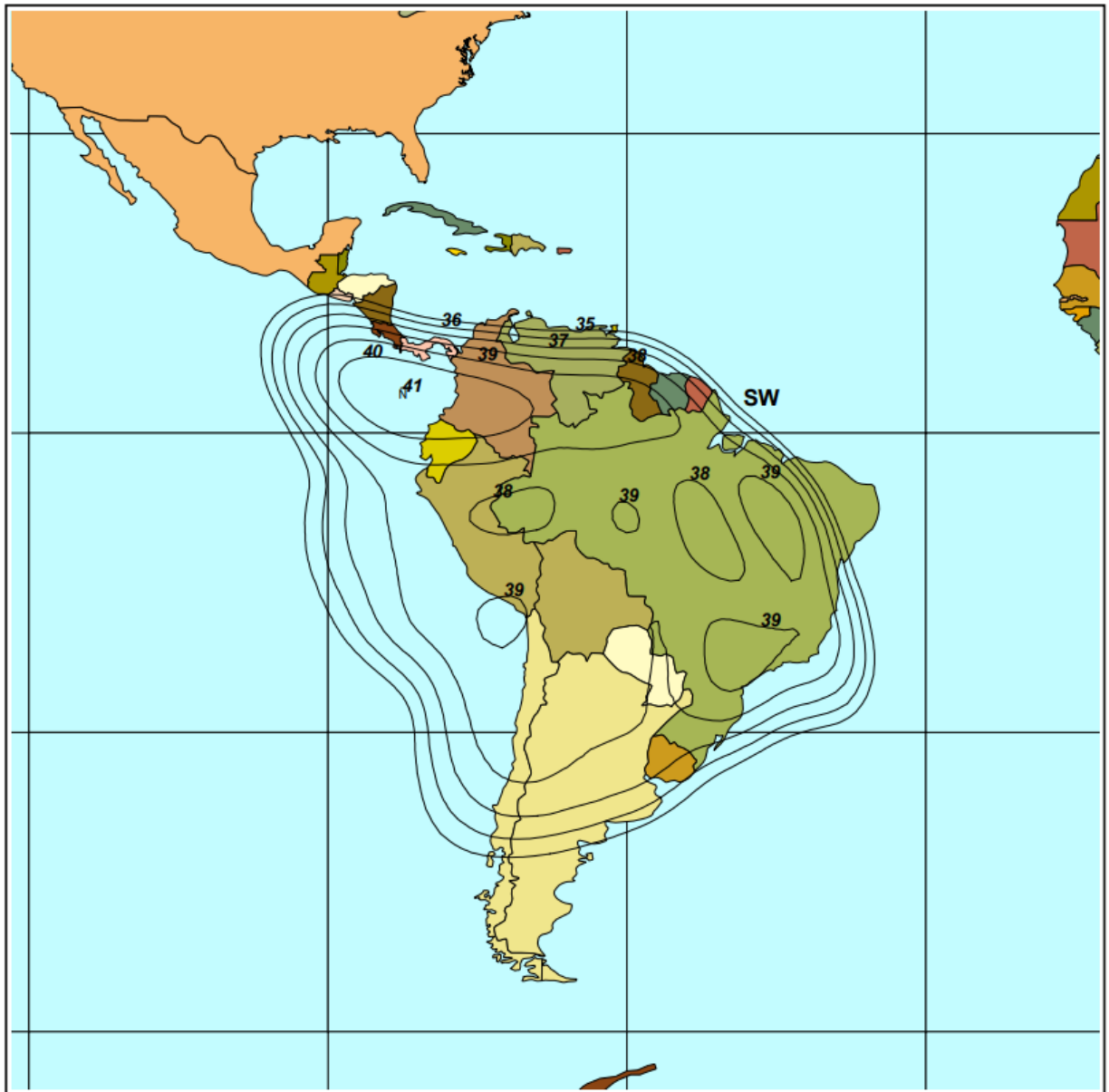
Northwest Zone Beam Coverage



Southeast Zone Beam Coverage



Southwest Zone Beam Coverage



West Hemi Beam Coverage

