



January 25, 2023

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

Re: Request for Extension of Special Temporary Authority to Operate Intelsat 11 at 43.0° W.L. with New C-band Coverage; Call Sign: S2237

Dear Ms. Dortch:

Intelsat License LLC ("Intelsat") herein requests an additional 60 days of Special Temporary Authority ("STA")¹ previously granted to Intelsat to operate Intelsat 11 (S2237) with new C-band coverage in order to continue providing customer service.²

Intelsat is currently seeking to permanently modify Intelsat 11's coverage area to include the coverage sought herein and to extend the license term.³ Intelsat herein seeks to continue the C-band beam repointing and operations in the resulting coverage in 3700-4200 MHz⁴ (space-to-Earth) and 5925-6425 MHz (Earth-to-space) until this modification application is granted.⁵

Intelsat's proposed continued operations of Intelsat 11 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 \$1,435.00 filing fee electronically via the International Bureau's Filing System.

² See *Satellite Policy Branch Information; Actions Taken*, Report No. SAT-01684, File No. SAT-STA-20221111-00158 (Dec. 2, 2022) (Public Notice). Additionally,

³ See *Satellite Policy Branch Information; Space Station Applications Accepted for Filing*, File No. SAT-MOD-20221114-00159 (Jan. 20, 2023) (Public Notice).

⁴ In the contiguous United States, Intelsat will only utilize the 4000-4200 MHz portion of the C-band downlink.

⁵ The satellite's telemetry, tracking, and command frequencies are: 11448 MHz and 11449 MHz (space-to-Earth) and 13246.5 MHz and 13995.5 MHz (Earth-to-space). See Letter from Cynthia J. Grady, Intelsat US LLC, to Marlene H. Dortch, FCC, File No. SAT-STA-20221111-00158 (Nov. 22, 2022).

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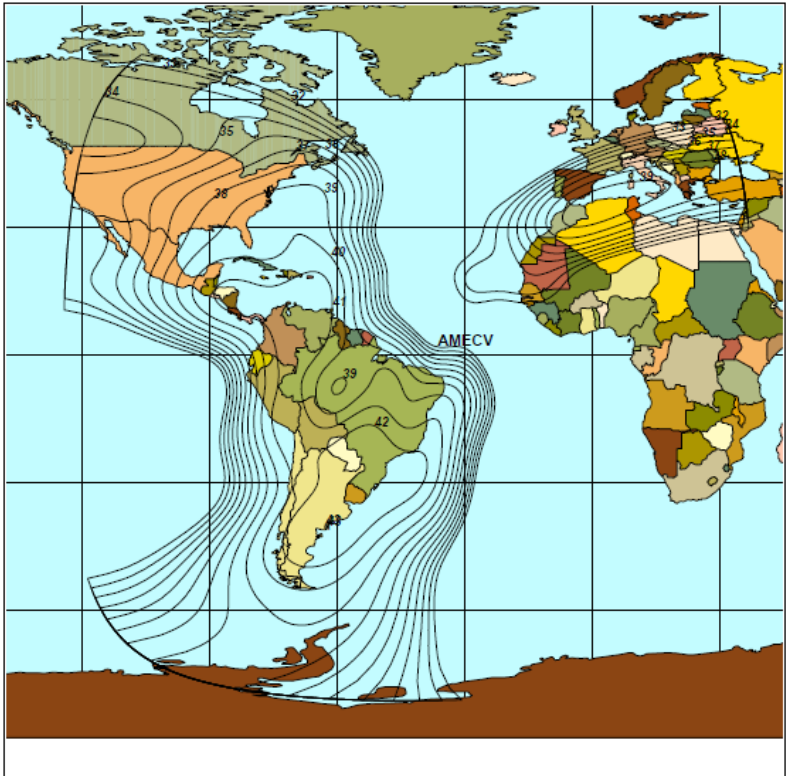
The requested operations will allow Intelsat to continue meeting the needs of its customers. Accordingly, grant of this STA extension request is in the public interest.

Respectfully submitted,

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

cc: Merissa Velez
Jennifer Balatan

Exhibit A
Intelsat 11 C-band Coverage Area



View : Geographic
Status : INTELSAT APPROVED

Plot Date: 09 November 2022
Filename: us9is-11cband.apr



Intelsat 11 @ 317°E
C-Band Americas/Europe V
Transmit Coverage

Beam Pointing: 0.70°E 1.00°S

Contours EIRP [dBW]

Beam Peak (0.0)	43.0
-1.0	42.0
-2.0	41.0
-3.0	40.0
-4.0	39.0
-5.0	38.0
-6.0	37.0
-7.0	36.0
-8.0	35.0
-9.0	34.0
-10.0	33.0
-11.0	32.0

Beam Edge EIRP values from IESS-410 Rev 6B.
Nominal Beam Peak EIRP and contour values
(dB from B.E.) derived from ACP 202 Rev 6.10.