

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, DC 20554**

In the Matter of	)	
	)	
	)	
Astranis Projects USA LLC	)	File No. SAT-MOD-_____
	)	
Modification of Application for Authority to	)	
Launch and Operate the ASTRANIS 131W	)	
GSO System at the Nominal 131° W.L. Orbital	)	
Location in Ku-band and Ka-band Frequencies	)	

APPLICATION FOR MODIFICATION

Pursuant to Section 25.117 of the Federal Communications Commission’s (“Commission’s”) rules,¹ Astranis Projects USA LLC (“Astranis”), a wholly owned subsidiary of Astranis Space Technologies Corp.,² hereby seeks modification of its space station authority (Call Sign S00784) to launch and operate a geostationary satellite orbit (“GSO”) fixed-satellite service (“FSS”) system located at the nominal 131° W.L. orbital location (the “ASTRANIS 131W GSO System”).³ Specifically, Astranis requests to modify the coverage area of the ASTRANIS 131W GSO System. Except as described herein, all operational and technical parameters of the existing authorization remain unchanged.⁴

¹ 47 C.F.R. § 25.117.

² For ease of reference, the two companies are collectively referred to as “Astranis,” except where context requires otherwise. More information regarding Astranis can be found at: <https://www.astranis.com/>.

³ See Astranis Projects USA LLC, *Application for Authority to Launch and Operate the ASTRANIS 131W GSO System at the Nominal 131° W.L. Orbital Location in Ku-band and Ka-band Frequencies* (S00784), ICFS File No. SAT-LOA-20260112-00024 (granted May 6, 2026) (“131W License”).

⁴ See 47 C.F.R. § 25.117(c).

Updated Coverage Area. Astranis seeks to modify the coverage area of the ASTRANIS 131W GSO System to include the southeast United States, full coverage of Mexico and coverage of Central America. The ASTRANIS 131W GSO System is already authorized to provide service in the United States, Canada, and Mexico.⁵ The present request seeks a minor update to the ASTRANIS 131W GSO System's Ku- and Ka-band coverage area to reflect that the system will provide service across certain additional geographics as supported by the updated Schedule S and gxt contour files attached hereto.⁶ Importantly, this modified coverage area does not otherwise change the technical and spectrum sharing analyses previously approved by the Commission. The application therefore raises no new interference risks. The ASTRANIS 131W GSO System still complies with the Commission's two-degree spacing rules.⁷ Similarly, the ASTRANIS 131W GSO System still complies with the two-degree spacing analyses provided previously by Astranis for frequency bands not technically subject to the Commission's two degree spacing rules – 29.1-29.3 GHz and 19.4-19.6 GHz.⁸ In addition, Astranis will still not operate within 225 km of Iridium gateways in the 29.1-29.3 and 19.4-19.6 GHz frequency bands prior to completing coordination with Iridium. Astranis will also comply with all conditions on its existing license for the 131W orbital location.⁹

Public Interest. Grant of this modification application will serve the public interest, convenience, and necessity by aligning the ASTRANIS 131W GSO System's authorized coverage area with customer demand. Astranis will use this expanded coverage area to provide

⁵ See 131 License; see also ICFS File No. SAT-LOA-20260112-00024, Narrative at 2–3, 12; *id.*, Exhibit B at B-2.

⁶ See attached Schedule S.

⁷ See 47 C.F.R. § 25.140(a)(2); see also 131 License, Exhibit B at B-8.

⁸ See *id.* at B-3.

⁹ See 131 License, Grant, Conditions 1-15.

satellite connectivity to consumers, government institutions, and enterprises across the United States, Canada, Mexico, and Central America.

CONCLUSION. Astranis respectfully requests that the Commission expeditiously grant this license modification for the ASTRANIS 131W GSO System.

Respectfully submitted,

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