

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

In the Matter of	)	
	)	
Astranis Projects USA LLC	)	File Nos. SAT-LOA-20221019-00145,
	)	SAT-MOD-20230412-00081, SAT-STA-
Application for 60-Day Special Temporary	)	20230412-00082, and SAT-STA-_____
Authorization to Conduct TT&C Operations	)	Call Sign: S3092
of the Arcturus Satellite at 163° W.L.	)	

APPLICATION FOR 60-DAY SPECIAL TEMPORARY AUTHORIZATION

Astranis Projects USA LLC (“Astranis Projects USA”), pursuant to Section 25.120 of the Commission’s rules, 47 C.F.R. § 25.120, respectfully seeks a further 60-day special temporary authorization (“STA”)¹ to operate telemetry, tracking, and command (“TT&C”) frequencies on the Arcturus satellite² during the pendency of a modification application for long-term authority for such operations.³ In the interest of administrative convenience, Astranis hereby incorporates by reference the technical information included with the prior STA and modification applications.⁴

Arcturus was launched on May 1, 2023, and Astranis Projects USA recently informed the Commission that the satellite has been placed into orbit at the 163° W.L. orbital location and commenced operations consistent with the terms of the Arcturus License and TT&C STA.⁵

Astranis Projects USA requests the Commission grant a further 60-day STA to permit continued

¹ Astranis Projects USA received an initial STA to support the initial launch and operation of the Arcturus satellite. See Astranis Projects USA LLC, File No. SAT-STA-20230412-00082, Call Sign S3092 (granted April 20, 2023) (“TT&C STA”).

² See Astranis Projects USA LLC, File No. SAT-LOA-20221019-00145, Call Sign S3092 (granted-in-part/deferred-in-part Dec. 6, 2022) (the “Arcturus License”).

³ See Astranis Projects USA LLC, File No. SAT-MOD-20230412-00081, Call Sign S3092 (pending) (“TT&C Modification Application”).

⁴ See *supra* notes 1 and 3.

⁵ See Notice of Completion of In-Orbit Testing and Commencement of Operations of the Arcturus Satellite at 163.0° W.L., Compliance with Satellite Implementation Milestone, and Release of Surety Bond; File No. SAT-LOA-20221019-00145 and SAT-STA-20230412-00082, Call Sign S3092 (filed June 8, 2023).

TT&C operations during the pendency of the associated application to modify the TT&C frequencies included in the Arcturus License.

The legal qualifications of and public interest basis for Astranis Projects USA to operate the Arcturus satellite (including on its current TT&C frequencies) have been accepted by the Commission.⁶ The TT&C Modification Application was placed on public notice on May 19, 2023.⁷ Astranis Projects USA seeks a further STA to continue conducting TT&C operations while the Commission processes the TT&C Modification Application.

Astranis Projects USA is conducting TT&C operations in accordance with the TT&C STA and is otherwise operating the satellite in accordance with the Arcturus License. Astranis Projects USA will conduct future TT&C operations consistent with the conditions included in the requested STA until such time as authority for TT&C operations is included in the Arcturus License through grant of the TT&C Modification Application.

In view of the foregoing, grant of this STA application to support continued Arcturus TT&C operations would be consistent with the Commission's rules and policies, and would serve the public interest. Accordingly, Astranis Projects USA respectfully requests the Commission grant this STA application at the earliest practicable time.

⁶ See *supra* notes 1 and 2 and supporting application materials.

⁷ See Public Notice, Satellite Licensing Division and Satellite Programs and Policy Division Information, Space Station Applications Accepted for Filing, Report No. SAT-01725 (rel. May 19, 2023).