REQUEST FOR 180-DAY SPECIAL TEMPORARY AUTHORIZATION

Pursuant to 47 C.F.R. § 25.120 of the Federal Communications Commission's rules, Space Logistics, LLC ("Space Logistics"), a Northrop Grumman Company, hereby requests special temporary authorization ("STA") for a period of 180-days beginning on August 11, 2026[1] to begin to move the currently in-orbit Mission Extension Vehicle 1 ("MEV-1") spacecraft from its current orbital location using previously-authorized TT&C frequencies on a non-interference, non-protection basis.[2] The next orbital location will be specified in a future STA and/or corresponding license modification requesting authority to move the MEV-1 spacecraft to that location, dock with the next customer vehicle, and provide station keeping services.

Background. MEV-1 was licensed by the Commission in 2017[3] as the first commercial spacecraft designed to service multiple in-orbit satellites in geosynchronous orbit ("GSO") by cooperatively docking with the satellites and performing the station keeping and attitude control functions for the satellites as a combined vehicle stack ("CVS"). Under the License, MEV-1 has been recently operating in a CVS with the Optus D3 ("OD3") space station at the 156°E.L. orbital location.[4] As provided in its application, following the conclusion of this service with Optus, Space Logistics plans to undock the MEV-1 spacecraft from the OD3 and then relocate to the next client vehicle.[5] The mission is now scheduled to end with undocking on or around August 11, 2026. After undocking, Space Logistics intends to either temporarily remain at 156° E.L. or begin drifting, or, if needed, temporarily park MEV-1 at 141° W.L.[6] until the next destination orbital location and client vehicle are identified.

Special Temporary Authorization. Space Logistics requests STA to either temporarily remain at 156° E.L. or drift the MEV-1 spacecraft, or, if needed, park MEV-1 at 141° W.L.[7] During the drift, Space Logistics intends to operate MEV-1 using its previously authorized TT&C

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[1] The FCC previously granted Space Logistics a 180-day STA to begin to move the spacecraft. That STA expires August 11, 2026. Accordingly, Space Logistics is requesting a new STA. *See* Space Logistics, ICFS File No. SAT-STA-20251202-00351 (granted Feb. 9, 2026).

[2] *See* 47 C.F.R. § 25.120.

[3] *See* Space Logistics, ICFS File No. SAT-LOA-20170224-00021 (granted-in-part Dec. 5, 2017); Space Logistics, ICFS File No. SAT-AMD-20190207-00008 (granted June 20, 2019); Space Logistics, ICFS File No. SAT-MOD-20250210-00040 (granted Apr. 9, 2025) (together, the "License").

[4] *See id*.

[5] Application of Space Logistics, ICFS File No. SAT-MOD-20250210-00040, Narrative at 1 (granted Apr. 9, 2025).

[6] Space Logistics has selected 141 W.L. because there are no other pending applications before the Commission requesting authorization to use an orbital location within ±0.05° of 141° W.L. or ITU networks registered to use such location.

[7] To the extent necessary, Space Logistics incorporates by reference the technical information for the MEV-1 spacecraft submitted in its License applications, including any necessary waivers to permit operations under this STA. *See* License grants.

frequencies on a non-interference, non-protection basis using the Intelsat Transfer-orbit Support Services ("TOSS") network of earth stations previously identified. The MEV-1 will use its flexible frequency capability to follow industry best practices for coordinating TT&C transmissions and will operate only in frequencies coordinated with Intelsat and other licensed operators during its relocation.

No harmful interference is expected as a result of Space Logistics' proposed operations under the STA. As an initial matter, the proposed operations are on a non-interference, non-protection basis vis-à-vis authorized operations. Furthermore, Space Logistics will coordinate its operations both during and after its drift with any potentially impacted licensees to ensure that no harmful interference occurs, consistent with previous License conditions.[8] All potentially affected satellite operators would also be provided with an emergency phone number where the licensee can be reached if harmful interference occurs. In the extremely unlikely event that harmful interference should occur due to transmissions to or from MEV-1, Space Logistics will take all reasonable steps to eliminate the interference.

The 24/7 contact information for MEV-1 TT&C is as follows:

Name:	Scott Danielsen
Address:	MEV Operations Lead 45201 Warp Drive Dulles, Virginia 20166
Phone:	630-301-2756
Email:	scott.danielsen@ngc.com

Space Logistics has assessed and limited the probability of the CVS becoming a source of debris by collisions with large debris or other space stations during its drift.

Public Interest. Grant of this request for STA strongly serves the public interest by allowing Space Logistics to safely relocate MEV-1 to a new orbital location for its next scheduled mission. This STA, in turn, allows MEV-1 to continue to fulfill its purpose of promoting space sustainability by enhancing in-orbit flexibility and end-of-life options for multiple GSO satellite operators, maximizing the value of in-orbit assets and enabling such operators to better respond to customer demand.

[8] *See, e.g.*, Space Logistics, ICFS File No. SAT-MOD-20250210-00040, Stamp Grant Condition 3 (granted Apr. 9, 2025).