

Narrative

Momentum Space LLC (“Momentum”) requests a thirty-day extension from September 16, 2022 to October 16, 2022, of its previously granted application for special temporary authority (“STA”),¹ in order to continue to permit communications with the Vigoride-3 spacecraft (“VR-3”) and address spacecraft anomalies. Since the grant of the last STA application, VR-3 has successfully deployed an additional customer payload, SELFIESAT.² Momentum believes that its deployments have resulted from a combination of its communications efforts and the failsafe deployment mechanism onboard VR-3.³ By sending commands to VR-3 to shut down non-critical systems, Momentum believes that VR-3 has been able to use the limited power it has been able to generate to focus on deploying customer payloads and in the future may be able to establish persistent two-way communications links. Accordingly, for these reasons, Momentum requests an extension of authority for an additional 30 days.⁴

¹ See Stamp Grant, Momentum Space LLC, IBFS File No. SAT-STA-20220628-00066 (granted July 13, 2022); Stamp Grant, Momentum Space LLC, IBFS File No. SAT-STA-20220527-00056 (granted June 9, 2022); *see also* Stamp Grant, Momentum Space LLC, IBFS File No. SAT-STA-20211216-00195 (granted April 28, 2022).

² See Press Release, Momentum Space LLC, Momentum First Demonstration Mission Update #5 (Sept. 8, 2022), <https://momentus.space/momentus-first-demonstration-mission-update-5>.

³ Additional information is provided in the previous STA. *See* IBFS File No. SAT-STA-20220811-00080.

⁴ Pending FCC action on the instant STA application, Momentum will cease all communications with VR-3 on September 15.