



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01616**

**Friday March 11, 2022**

## **Satellite Policy Branch Information Space Station Applications Accepted for Filing**

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined that the application is not in conformance with the Commission's rules or its policies. Consideration of each satellite application in this Public Notice may depend on the Commission's action on another satellite application earlier in the queue. Petitions, oppositions, and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-LOA-20220111-00007** E S3133 Spaceflight, Inc.  
Date Filed: 01/11/2022 17:30:36:26000  
Launch and Operating Authority

Spaceflight, Inc. seeks authority to launch and operate its Sherpa AC1 space station, which will deploy customer satellites. Spaceflight requests authority to conduct space operations using the following frequency bands: 400.15-401.0 MHz, 2200-2290 MHz, and 8025-8400 MHz (space-to-Earth); and 402-403 MHz, 2025-2110 MHz, and 2456-2478 MHz (Earth-to-space). The Sherpa AC1 spacecraft will also operate in the radionavigation satellite service in the 1255-1265 MHz and 5010-5030 MHz bands (space-to-Earth). Spaceflight requests authority to conduct telemetry, tracking, and command using the following center frequencies: 400.5 MHz, 2207.5 MHz, 2212.5 MHz, 2217.5 MHz, 2245 MHz, 2250 MHz, 2272.5 MHz, and 2287.5 MHz (space-to-Earth); 402.9 MHz, 2046.0 MHz, 2047.5 MHz, 2048.0 MHz, 2053.0 MHz, 2056.0 MHz, 2054.0 MHz, 2050.0 MHz, 2075.0 MHz, and 2467.0 MHz (Earth-to-space); and 1616.5 MHz for inter-satellite links. Spaceflight also requests waivers of Sections 2.102(a) and 2.106 for non-conforming frequency uses, and Sections 25.165(a), 25.156, and 25.157.

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**SAT-STA-20211216-00195** E Momentus Inc  
Date Filed: 12/16/2021 11:58:37:49000  
Special Temporary Authority

Momentus Space, LLC requests special temporary authority to launch and operate a non-geostationary spacecraft, to be known as Vigoride-3, for a period not to exceed 180 days, to transport and deploy multiple space objects on behalf of customers. Vigoride-3's concept of operations is as follows: first, the Vigoride-3 would be placed in a sun-synchronous orbit (SSO) at an altitude between 500 km and 550 km. After separation from the launch vehicle, Vigoride-3 will undergo commissioning and preliminary testing. Upon completion, Vigoride-3 will deploy 12 spacecraft. Then Vigoride-3 will conduct orbit-raising maneuvers to a targeted maximum 603 km circular sun-synchronous orbit and perform detailed system functional testing. Lastly, Vigoride-3 will conduct its third and final end-of-life maneuver and inclination adjustments to a targeted 1,050 km x 350 km elliptical orbit with a ~98 degree inclination, by first reducing perigee to 350 km and then increasing apogee to 1,050 km. Vigoride-3 would utilize the following frequencies: 2025-2210 MHz (Earth-to-space) and 8025-8400 MHz (space-to-Earth) for TT&C and downlink imagery generated from on-board camera to confirm successful deployment of spacecraft and perform associated mission assurance functions. Momentus seeks waiver of Section 25.113(g) of the Commission's rules and the U.S. Table of Frequency Allocations to use the 2025-2110 MHz band (Earth-to-space) for TT&C and the 8025-8400 MHz for TT&C and some satellite imaging.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.