



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
45 L STREET NE  
WASHINGTON D.C. 20554

News media information 202-418-0500  
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)  
TTY (202) 418-2555

**Report No. SAT-01652**

**Friday July 29, 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.

---

**SAT-LOA-20220606-00057** E S3147 Loft Orbital Solutions Inc.  
Date Filed: 06/06/2022 20:03:36:27600  
Launch and Operating Authority

Loft Orbital Solutions Inc. requests authority to deploy and operate a satellite to be known as YAM-5, at an altitude of 525 kilometers (+/- 25 kilometers) and inclination of 97.6 degrees. YAM-5 would operate in the 2025-2110 MHz (Earth-to-space), 449.75-450.25 MHz (Earth-to-space), 400.15-401 MHz (space-to-Earth), 401-402 MHz (space-to-Earth), 8025-8400 MHz (space-to-Earth), 2400.0-2483.5 MHz (Earth-to-space and space-to-Earth), 1535-1559 MHz (space-to-space), 2240.0-2290.0 MHz (space-to-Earth), and 2067-2110 MHz (Earth-to-space) frequency bands. Loft also proposes to operate instruments that will sense signals in the 399.9-400.05 MHz, 401-403 MHz, and 2010-2025 MHz frequency bands. Loft requests a waiver of the U.S. Table of Frequency Allocations, 47 CFR § 2.106, to the extent necessary, in connection with operations in the 2025-2110 MHz (Earth-to-space), 2200-2290 MHz (space-to-Earth), 8025-8400 MHz (space-to-Earth), 1535-1559 MHz (space-to-space), and 2400-2483.5 MHz (space-to-Earth and Earth-to-space) frequency bands; as well as waivers of sections 25.156, 25.157, 25.217(b), 25.164, and 25.165 of the Commission's rules in connection with this application.

---

**SAT-PDR-20211104-00147** E S3107 SN Space Systems Limited  
Date Filed: 11/04/2021 23:19:33:56600  
Petition for Declaratory Ruling

SN Space Systems Limited requests U.S. market for a constellation of up to 1190 non-geostationary orbit satellites that would operate at an altitude of 830 km, with an inclination of 55 degrees. The constellation would be authorized by the United Kingdom. SN Space Systems proposes to provide fixed-satellite service, including to earth stations in motion, and mobile-satellite service. The satellites would operate with gateway and feeder link earth stations in the following V-band frequencies: 47.2-50.2 GHz and 50.4-51.4 GHz (Earth-to-space), and 37.5-40.0 GHz and 40.0-42.0 GHz (space-to-Earth). SN Space Systems also seeks to operate with customer terminals in the 14.0-14.5 GHz (Earth-to-space), and 17.7-18.6 GHz, 18.8-19.4 GHz, 19.4-19.6 GHz, and 19.6-20.2 GHz (space-to-Earth) frequency bands. Telemetry, tracking, and command would be performed using the 13.75-14.0 GHz (Earth-to-space) and 19.2-19.6 GHz (space-to-Earth) frequency bands. In connection with its request, SN Space Systems seeks waivers of sections 25.112, 25.114(c), 25.156(d)(4), and 25.202(g)(1) of the Commission's rules.

---

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