



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
445 12th STREET S.W.  
WASHINGTON D.C. 20554

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Report No. SAT-01478

Thursday July 2, 2020

## 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-AMD-20200527-00063** E S3052 Loft Orbital Solutions Inc.  
Date Filed: 05/27/2020 17:59:12:30000  
Amendment

Loft Orbital Solutions, Inc. requests authority to operate a single satellite, YAM-2, in the 400.05-400.15 MHz (space-to-Earth), 864-925 MHz (Earth-to-space), 8025-8400 MHz (space-to-Earth), 2200-2290 MHz (space-to-Earth), 2025-2110 MHz (Earth-to-space), 1613.8-1626.5 MHz (transmit-space-to-space), 2483.5-2495 MHz (receive-space-to-space), and 1535-1559 MHz (receive-space-to-space) frequency bands. Yam-2 will operate at an altitude of 550 km. In connection with this request, Loft requests conditional waivers of 47 CFR §§ 25.156, 25.157, and 25.217(b), and certain sections of the U.S. Table of Frequency Allocations, 47 CFR § 2.106. (On June 12, 2020, the Satellite Division issued a public notice (Satellite Policy Branch Information, Satellites Accepted for Filing, Report No. SAT-01472 (IB Rel. June 12, 2020)). By today's public notice, we correct the public notice to include both the original application and the amendment files. Petitions, oppositions, and other pleadings on this application, as amended, are due thirty days from the date of release of today's public notice and should conform to Section 25.154 of the Commission's rules. 47 C.F.R. § 25.154).

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**SAT-LOA-20190807-00072** E S3052 Loft Orbital Solutions Inc.  
Date Filed: 08/07/2019 17:32:33:46000  
Launch and Operating Authority

Loft Orbital Solutions, Inc. requests authority to operate a single satellite, YAM-2, in the 400.05-400.15 MHz (space-to-Earth), 864-925 MHz (Earth-to-space), 8025-8400 MHz (space-to-Earth), 2200-2290 MHz (space-to-Earth), 2025-2110 MHz (Earth-to-space), 1613.8-1626.5 MHz (transmit-space-to-space), 2483.5-2495 MHz (receive-space-to-space), and 1535-1559 MHz (receive-space-to-space) frequency bands. Yam-2 will operate at an altitude of 550 km. In connection with this request, Loft requests conditional waivers of 47 CFR §§ 25.156, 25.157, and 25.217(b), and certain sections of the U.S. Table of Frequency Allocations, 47 CFR § 2.106. (On June 12, 2020, the Satellite Division issued a public notice (Satellite Policy Branch Information, Satellites Accepted for Filing, Report No. SAT-01472 (IB Rel. June 12, 2020)). By today's public notice, we correct the public notice to include both the original application and the amendment files. Petitions, oppositions, and other pleadings on this application, as amended, are due thirty days from the date of release of today's public notice and should conform to Section 25.154 of the Commission's rules. 47 C.F.R. § 25.154).

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**SAT-STA-20200610-00071** E S2983/S301 Space Exploration Holdings, LLC

Date Filed: 06/10/2020 15:17:39:14000

Special Temporary Authority

Space Exploration Holdings, LLC requests special temporary authority for a period of 180 days to continue to conduct Launch and Early Orbit-Phase operations (1) to perform telemetry, tracking, and command functions necessary for orbit-raising all of the Starlink satellites, both those previously launched and those to be launched during the 180-day period covered by this STA, and (2) to test the communications payload on each of these satellites. SpaceX will use the following frequencies for telemetry, tracking, and command: 12.15-12.25 GHz (space-to-Earth) and 13.85-14.0 GHz (Earth-to-space). SpaceX will use the following payload testing frequencies: 10.7-12.7 GHz (space-to-Earth), 14.0-14.5 GHz (Earth-to-space), 17.8-18.6 GHz (space-to-Earth), 18.8-19.3 GHz (space-to-Earth), 19.7-20.2 GHz (space-to-Earth), 27.5-29.1 GHz (Earth-to-space), and 29.5-30.0 GHz (Earth-to-space). SpaceX additionally requests authority to transmit TT&C signals at the higher power of 23 dBm in the 12.15-12.25 GHz (space-to-Earth) frequency band to acquire the satellites more easily after orbital insertion at 280 km.

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