



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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**Report No. SAT-01472**

**Friday June 12, 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. amends its license application by reducing the number of satellites in its constellation to one satellite (YAM-2), requesting authority to operate in the 400.05-400.15 MHz (space-to-Earth) and 864-925 MHz (Earth-to-space) frequency bands, and updating the mass and expected launch date of YAM-2. Loft's operations in the 400.05-400.15 MHz and 864-925 MHz frequency bands will be for the internet of things payload onboard YAM-2 and will be conducted by Loft's customer and in accordance with its customer's French license. Yam-2 will operate at an altitude of 550 km and will also use the 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. 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.

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**SAT-MOD-20200114-00009** E S2423 Intelsat License LLC, as debtor-in-possession  
Date Filed: 01/14/2020 16:39:05:42300  
Modification

Intelsat License LLC seeks modification of the license for the Horizons 2 space station to authorize redeployment of Horizons 2, and to operate the satellite at the 73.8° W.L. orbital location instead of its currently authorized location at 84.85° E.L. Intelsat requests authority for Horizons 2 to provide fixed-satellite service at 73.8° W.L. in the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands. Additionally, Intelsat requests authority to conduct telemetry, tracking and command operations using the following center frequencies: 12196.0 MHz, 12198.625 MHz (space-to-Earth), 14000.5 MHz and 14499.5 MHz (Earth-to-space). Intelsat also seeks a waiver of Section 25.165(f).

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**SAT-MOD-20200417-00037** E S2983/3018 Space Exploration Holdings, LLC

Date Filed: 04/17/2020 16:47:08:92600

Modification

Space Exploration Holdings, LLC (SpaceX) requests modification of the authorization for its non-geostationary orbit satellite constellation using Ku- and Ka-band spectrum (IBFS File Nos. SAT-LOA-20161115-00118 and SAT-LOA-20170726-00110, as modified by IBFS File Nos. SAT-MOD-20181108-00083 and SAT-MOD-20190830-00087). Specifically, SpaceX seeks to lower the altitude of the 2824 satellites in the upper shell of its Starlink constellation from 1100-1330 km to 540-570 km. SpaceX also seeks to decrease the total number of satellites in its constellation from 4409 satellites to 4408 satellites and requests modification of its license to permit TT&C and testing for orbit raising and deorbit maneuvers. SpaceX requests waivers, to the extent necessary, of various limitations in the Commission's Schedule S software, in connection with this request.

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