PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01648 **Friday July 15, 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-APL-20210104-00002 E S2976 Telesat LEO Inc.
Date Filed: 01/04/2021 10:47:10:86000
Amendment to PDR/PPL

See IBFS File No. SAT-MPL-20200526-00053 for a description of the request, as amended.

SAT-APL-20220616-00059 E S2976 Telesat LEO Inc.
Date Filed: 06/16/2022 14:15:24:07300
Amendment to PDR/PPL

See IBFS File No. SAT-MPL-20200526-00053 for a description of the request, as amended.

SAT-MOD-20220421-00042 E S2912 Planet Labs PBC
Date Filed: 04/21/2022 09:38:48:95300
Modification

Planet Labs PBC requests authority to deploy and operate up to 32 technically-identical, simultaneously operating "Pelican" satellites, with up to 96 technically-identical satellites over the course of a 15-year license term, to be operated in the earth-exploration satellite service in conjunction with Planet's Skysat and Flock satellites. Planet requests use of the 2025-2110 MHz (Earth-to-space), 8025-8400 MHz (space-to-Earth), and 25.5-27.0 GHz (space-to-Earth) frequency bands. Planet also requests to operate inter-satellite links with its low-Earth orbit Pelican satellites using the 4000-4200 MHz band for reception from geostationary satellites and the 6225-6425 MHz band for transmissions to geostationary satellites. In connection with its request to conduct space-to-space operations in the 4000-4200 MHz and 6225-6425 MHz bands, Planet seeks waiver of the U.S. Table of Frequency Allocations, 47 CFR § 2.106, and waiver to the extent necessary of the filing freeze on applications requesting to operate in the C-band (space-to-Earth). Additionally, Planet requests waiver of section 25.202(g) of the Commission's rules related to telemetry, tracking, and command, waiver of the modified processing round rules in sections 25.156 and 25.157 of the Commission's rules, waiver of the default service rules in section 25.217(b) of the Commission's rules, waiver of the part 25 milestone and bond requirements, and partial waiver of section 25.114(c) of the Commission's rules related to certain Schedule S disclosure requirements. Although this application is accepted for filing for purposes of public notice, the applicant requests authority to operate in frequency bands, 4000-4200 MHz and 6225-6425 MHz, which are not allocated internationally for the proposed use, see 47 CFR § 25.112(a)(3). A determination will be made at a later time concerning whether a waiver of this rule will be granted.

SAT-MPL-20200526-00053 E S2976 Telesat LEO Inc.
Date Filed: 05/26/2020 14:16:13:55000
Modification to PDR/PPL

Telesat LEO Inc. (Telesat) requests modification of its previous grant of U.S. market access for its Canadian-licensed non-geostationary satellite orbit fixed-satellite service constellation of 117 satellites in low-Earth-orbit, to add additional satellites through two phases. Specifically, Telesat seeks to add 71 satellites to its constellation in what it characterizes as its Phase 1, bringing the total in Phase 1 to 188 satellites. It also seeks to add another 1373 satellites to its constellation as part of what it characterizes as its Phase 2, which would bring the total number of satellites to 1671. For Phase 1, the Telesat constellation would include 78 satellites operating in polar orbit with an altitude of 1015 km and inclination of 98.98 degrees, and 110 satellites operating in an orbit with an altitude of 1325 km and inclination of 50.88 degrees. For Phase 2, the Telesat constellation would include 351 satellites operating in polar orbit with an altitude of 1015 km and inclination of 98.98 degrees, and 1320 satellites operating in orbit at an altitude of 1325 km and inclination of 50.88 degrees. Telesat asks that the modification request associated with the addition of satellites in Phase 1 be considered as part of the Commission's initial Ku/Ka-band processing round, and that the modification associated with the addition of satellites in Phase 2 be considered as part of the Commission's second Ku/Ka-band processing round. The satellites would operate in the 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) frequency bands. In connection with its modification request, Telesat seeks waiver of section 25.146(c) of the Commission's rules, to commence operations before receiving a finding from the International Telecommunication Union Radiocommunication Bureau on compliance with equivalent power-flux density limits, and waiver of certain Schedule S disclosure requirements. This reflects Telesat's request as amended since the application was originally placed on public notice on May 13, 2022, see Satellite Policy Branch Information: Space Station Applications Accepted for Filing, Public Notice, Report No. SAT-01632 (May 13, 2022); see also Satellite Policy Branch Information: Actions Taken, Public Notice, Report No. SAT-01640 (June 10, 2022) (informative public notice noting extension of filing deadlines in IBFS File Nos. SAT-MPL-20200526-00053 and SAT-APL-20210104-00002 pending further amendment).

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