PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01632 **Friday May 13, 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.

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. requests modification of its grant of U.S. market access for its Canadian-licensed non-geostationary orbit fixed-satellite service constellation of 117 satellites in low-Earth orbit, to add additional satellites through two phases. Specifically, Telesat seeks to add 181 satellites to its constellation in what it characterizes as its Phase 1, bringing the total in Phase 1 to 298 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 220 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.

SAT-PDR-20220412-00040 E S3142 Embratel TVSAT Telecomunicacoes S.A.
Date Filed: 04/12/2022 14:00:03:30300
Petition for Declaratory Ruling

Embratel TVSAT Telecomunicacoes S.A. requests U.S. market access for the Star One D2 space station, which operates at the 70° W.L. orbital location under Brazilian authority. Specifically, Embratel seeks to add Star One D2 to the Commission's Permitted Space Station List for fixed-satellite service, using the 14.0-14.5 GHz (Earth-to-space) and 11.7-12.2 GHz (space-to-Earth) frequency bands.

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