



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01697

Friday February 3, 2023

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-20220920-00112 E S3152 Planet Labs PBC
Date Filed: 09/20/2022 17:25:14:27000
Launch and Operating Authority

Planet Labs PBC requests authority to launch and operate a constellation of up to 10 technically-identical, simultaneously-operating non-geostationary orbit satellites, to be known as "Tanager" satellites, for the purpose of obtaining hyperspectral data. The satellites would be deployed at altitudes between 400 and 525 kilometers and operate in sun synchronous orbits at altitudes between 404-408 kilometers and with inclinations of approximately 96.51-97.59 degrees. Planet requests to operate the Tanager satellites using the 25.5-27.0 GHz band for data downlink, and using the 2025-2110 MHz (Earth-to-space) and 8025-8400 MHz (space-to-Earth) bands for telemetry, tracking, and command. Planet also seeks to operate inter-satellite links using the 4000-4200 MHz (space-to-space) (geosynchronous equatorial orbit (GEO) to low-Earth orbit (LEO)) and 6225-6425 MHz (space-to-space) (LEO to GEO) bands for satellite tasking. 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). Planet also requests waiver of sections 25.202(g), 25.112(a)(3), 25.114(c), 25.156, 25.157, 25.159(b), 25.164, 25.165, and 25.217(b) of the Commission's rules.

SAT-LOA-20221201-00167 E S3156 The Tomorrow Companies, Inc.
Date Filed: 12/01/2022 16:33:48:76000
Launch and Operating Authority

The Tomorrow Companies, Inc. (Tomorrow.io) requests authority to launch and operate a non-geostationary orbit satellite system that would operate in the earth-exploration satellite service, to be known as the Tomorrow.io Weather Constellation. The system would consist of eighteen identical satellites, deployed to an altitude of approximately 550 km, that will receive commands via S-band at 2025-2110 MHz (Earth-to-space), and transmit passive microwave sounder data and telemetry in the X-band at 8025-8400 MHz (space-to-Earth). Tomorrow.io requests waiver of sections 25.156, 25.157, and 25.112(a)(1) of the Commission's rules in connection with this application.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719.