



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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Report No. SAT-01765

Friday October 13, 2023

Satellite Licensing Division and Satellite Programs and Policy Division 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-20230924-00232 E S3182 Spire Global, Inc.
Date Filed: 09/24/2023 16:49:08:18600
Launch and Operating Authority

Spire Global Inc. requests authority to construct, launch, and operate three small satellites (Hubble 1, Hubble 2, and Hubble 3) in low-Earth, non-geostationary orbit. The Hubble 1-3 satellites would deploy to an altitude of 525 kilometers (+/- 20 kilometers) at an anticipated inclination of 97.5 degrees and operate using the following frequency bands: 2482.710675-2483.424 MHz (Earth-to-space) for data uplink; 2025-2110 MHz (Earth-to-space) and 402.6-402.8 MHz (Earth-to-space) (space-to-Earth) for telemetry, tracking, and command (TT&C); and 2020-2025 MHz (space-to-Earth), and 2200-2290 MHz (space-to-Earth) for TT&C and data downlink. Spire requests waiver of the international and U.S. Table of frequency Allocations as necessary for 402.6-402.8 MHz, 2020-2025 MHz, 2025-2110 MHz, and 2482.710675-2483.424 MHz operations. Spire also requests waiver of the 402.6-402.8 MHz (Earth-to-space) power limits in ITU Radio Regulations No. 5.264A. Spire requests that its application be processed in accordance with the small satellite licensing procedure under 47 CFR § 25.122.

SAT-MOD-20230815-00203 E S2892 SES Americom, Inc.
Date Filed: 08/15/2023 17:49:40:34300
Modification

SES Americom, Inc. requests modification of the authorization for the SES-3 space station to repoint the space station's C-band beam to provide better coverage over the United States and Canada. SES-3 operates from the 103° W.L. orbital location and uses the 3700-4200 MHz (space-to-Earth) and 5.925-6.425 GHz (Earth-to-space) C-band frequencies. C-band telemetry, tracking, and command is performed using the center frequencies of 6.4235 MHz (Earth-to-space), and 3700.5 MHz and 4199.5 MHz (space-to-Earth).

SAT-MOD-20230922-00231 E S2669 DIRECTV Enterprises, LLC
Date Filed: 09/22/2023 16:22:33:64000
Modification

DIRECTV Enterprises, LLC requests modification of the authority for its D9S space station to extend the license term from December 17, 2023, until July 31, 2024. The D9S space station operates at the 101.2° W.L. orbital location using the 12.2-12.7 GHz, 18.3-18.8 GHz, 19.7-20.2 GHz (space-to-Earth), and 17.3-17.8 GHz 28.35-28.6 GHz and 29.25-29.5 GHz, 29.5-30 GHz (Earth-to-space) frequency bands. Telemetry, tracking, and command operations are conducted using the center frequencies of 12.6955 GHz (space-to-Earth) and 17.7950 GHz (Earth-to-space).

SAT-MOD-20230927-00235 E S2347 SES Americom, Inc.
Date Filed: 09/27/2023 10:53:59:62300
Modification

SES Americom, Inc. requests modification of the authorization for the AMC-6 space station to extend the license term from November 22, 2023, until November 1, 2026. AMC-6 operates at the 139° W.L. orbital location using the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) frequencies. Telemetry, tracking, and command is conducted using the center frequencies of 3700.5 MHz and 4199.5 MHz (space-to-Earth), and 6423.5 MHz (Earth-to-space).

SAT-STA-20230907-00220 E Capella Space Corp.

Date Filed: 09/07/2023 11:16:44:07300

Special Temporary Authority

Capella Space Corp. requests special temporary authority for a period of 180 days to operate its Acadia-1 satellite at altitudes between 640 and 649 km. Capella Space is authorized to operate in the following frequency bands: 9300-10000 MHz for SAR imaging; 8025-8400 MHz (space-to-Earth) for the EESS payload downlink; 2025-2110 MHz (Earth-to-space) for a TT&C uplink; 8025-8400 MHz (space-to-Earth) for a TT&C downlink; and 1525.0-1559.0 MHz transmitting (space-to-space) and 1626.5-1660.0 MHz receiving (space-to-space) for inter-satellite links with the Inmarsat system, including all the satellites on the Commission's "ISAT" list. Specifically, Capella Space is authorized to operate using a center frequency of 9650 MHz and a bandwidth of 700 MHz for SAR imaging, a center frequency of 8212.5 MHz and bandwidth of 337.5 MHz for its payload downlink, a center frequency of 2036 MHz and bandwidth of 1.4 MHz for its TT&C uplink, and a center frequency of 8027 MHz and bandwidth of 1.4 MHz for its TT&C downlink. In addition, the Acadia-1 satellite is authorized to receive a signal from a single earth station in the 9400-9900 MHz band (Earth-to-space) for a limited period following deployment in order to radiometrically calibrate radar measurements.

For more information concerning this Notice, contact the Satellite Licensing Division and Satellite Programs and Policy Division at (202) 418-0719.