



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
45 L STREET NE
WASHINGTON D.C. 20554

News media information 202-418-0500
Internet: <http://www.fcc.gov> (or <ftp.fcc.gov>)
TTY (202) 418-2555

DA No. 24-59

Friday January 19, 2024

Report No. SAT-01792

Satellite Licensing Division and Satellite Programs and Policy Division Information

Actions Taken

The Commission, by its Space Bureau, took the following actions pursuant to delegated authority. The effective date of these actions is the release date of this Notice, except where an effective date is specified.

SAT-AMD-20230616-00143 E S2179 EchoStar Satellite Services L.L.C.
Amendment
Grant of Authority Effective Date: 01/12/2024

Nature of Service: Fixed Satellite Service

On January 12, 2024, the Satellite Programs and Policy Division granted, with conditions, the modification request of EchoStar Satellite Services, LLC, to extend the license term for the EchoStar 9 space station until September 30, 2024. EchoStar 9 operates from the 120.9° W.L. orbital location and uses the 11.7-12.2 GHz, 18.3-18.5 GHz, 18.6-18.8 GHz, 19.7-19.9 GHz, and 20.0-20.2 GHz (space-to-Earth), and 14.0-14.5 GHz, 28.4-28.6 GHz, 29.3-29.7 GHz, and 29.8-30.0 GHz (Earth-to-space) frequencies. Telemetry, tracking, and command is performed using the 11705.5 MHz and 12198 MHz (space-to-Earth), and 14003 MHz and 14497 MHz (Earth-to-space) center frequencies.

SAT-AMD-20231220-00321 E S3182 Spire Global, Inc.
Amendment
Grant of Authority Effective Date: 01/16/2024

Nature of Service: Mobile Satellite Service, Other

On January 16, 2024, the Satellite Programs and Policy Division granted, with conditions, Spire Global Inc.'s request for authority to construct, deploy, and operate three NGSO satellites, Hubble 1, Hubble 2, and Hubble 3. The satellites are authorized to operate at an altitude of 525 km (\pm 20 km) with a 97.5 degree inclination. Spire is authorized to operate using the 2482.710675-2483.424 MHz band (Earth-to-space) for reception from a single experimental earth station. Spire is also authorized to operate the satellites in the 402-403 MHz band (center frequency 402.79 MHz, 15 kHz emission bandwidth (Earth-to-space) (space-to-Earth)) for telemetry, tracking, and command backup, in the 2020-2025 MHz band (center frequency 2022.5 MHz 5 MHz emission bandwidth (space-to-Earth)) for telemetry and data downlink, in the 2025-2110 MHz (center frequency 2032.5 MHz 1 MHz emission bandwidth (Earth-to-space)) for a command uplink, and in the 2200-2290 MHz (center frequency 2200.5 MHz 1 MHz emission bandwidth (space-to-Earth) (outside the U.S. only) for telemetry and data downlink. This application was granted under the streamlined small satellite procedures, 47 CFR § 25.122.

SAT-LOA-20230924-00232 E S3182 Spire Global, Inc.
Launch and Operating Authority
Grant of Authority Effective Date: 01/16/2024

Nature of Service: Mobile Satellite Service, Other

On January 16, 2024, the Satellite Programs and Policy Division granted, with conditions, Spire Global Inc.'s request for authority to construct, deploy, and operate three NGSO satellites, Hubble 1, Hubble 2, and Hubble 3. The satellites are authorized to operate at an altitude of 525 km (\pm 20 km) with a 97.5 degree inclination. Spire is authorized to operate using the 2482.710675-2483.424 MHz band (Earth-to-space) for reception from a single experimental earth station. Spire is also authorized to operate the satellites in the 402-403 MHz band (center frequency 402.79 MHz, 15 kHz emission bandwidth (Earth-to-space) (space-to-Earth)) for telemetry, tracking, and command backup, in the 2020-2025 MHz band (center frequency 2022.5 MHz 5 MHz emission bandwidth (space-to-Earth)) for telemetry and data downlink, in the 2025-2110 MHz (center frequency 2032.5 MHz 1 MHz emission bandwidth (Earth-to-space)) for a command uplink, and in the 2200-2290 MHz (center frequency 2200.5 MHz 1 MHz emission bandwidth (space-to-Earth) (outside the U.S. only) for telemetry and data downlink. This application was granted under the streamlined small satellite procedures, 47 CFR § 25.122.

SAT-MOD-20220624-00063 E S2179 EchoStar Satellite Services L.L.C.
Modification 08/31/2022 - 09/30/2024
Grant of Authority Effective Date: 01/12/2024

Nature of Service: Fixed Satellite Service

On January 12, 2024, the Satellite Programs and Policy Division granted, with conditions, the modification request of EchoStar Satellite Services, LLC, to extend the license term for the EchoStar 9 space station until September 30, 2024. EchoStar 9 operates from the 120.9° W.L. orbital location and uses the 11.7-12.2 GHz, 18.3-18.5 GHz, 18.6-18.8 GHz, 19.7-19.9 GHz, and 20.0-20.2 GHz (space-to-Earth), and 14.0-14.5 GHz, 28.4-28.6 GHz, 29.3-29.7 GHz, and 29.8-30.0 GHz (Earth-to-space) frequencies. Telemetry, tracking, and command is performed using the 11705.5 MHz and 12198 MHz (space-to-Earth), and 14003 MHz and 14497 MHz (Earth-to-space) center frequencies.

SAT-MOD-20230526-00125 E S2733 Intelsat License LLC
Modification
Grant of Authority Effective Date: 01/18/2024

Nature of Service: Fixed Satellite Service

On January 18, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for modification of the authorization for the Galaxy 18 space station by extending the license term through June 2, 2028. Galaxy 18 provides fixed-satellite service from the 123.0° W.L. orbital location in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 11.7-12.2 GHz (space-to-Earth), and 14.0-14.5 GHz (Earth-to-space) frequency bands. Galaxy 18 conducts telemetry, tracking, and command operations using the following center frequencies: 4197.125 MHz and 4198.875 MHz (space-to-Earth); and 5926.5 MHz and 6424.5 MHz (Earth-to-space).

SAT-MOD-20230714-00170 E S2640 DIRECTV Enterprises, LLC
Modification
Grant of Authority Effective Date: 01/18/2024

Nature of Service: Fixed Satellite Service

On January 18, 2024, the Satellite Programs and Policy Division granted, with conditions, DIRECTV Enterprises, LLC's request for modification of the authorization for the D11 space station by extending the license term to December 31, 2028. The D11 space station operates from the 99.185° W.L. orbital location, and operates in the 18.3-18.8 GHz (space-to-Earth), and 28.35-28.6 GHz and 29.25-29.5 GHz (Earth-to-space) frequency bands. Telemetry, tracking, and command is conducted using the 18.30025 GHz (space-to-Earth), and 29.5704 GHz, 29.5629 GHz, and 29.56665 GHz (Earth-to-space frequencies); and 29.56165-29.57165 GHz (Earth-to-space) (back-up) center frequencies.

SAT-MOD-20230922-00231 E S2669 DIRECTV Enterprises, LLC
Modification
Grant of Authority Effective Date: 01/18/2024

Nature of Service: Other

On January 18, 2024, the Satellite Programs and Policy Division granted, with conditions, DIRECTV Enterprises, LLC's request to modify the authorization for the D9S space station by extending 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 12.6955 GHz (space-to-Earth) and 17.7950 GHz (Earth-to-space) center frequencies.

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