



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. 24-80

Friday January 26, 2024

Report No. SAT-01794

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-LOA-20230414-00088 E S3170 Loft Orbital Solutions Inc.

Launch and Operating Authority

Grant of Authority

Effective Date: 01/19/2024

Nature of Service: Earth Exploration Satellite Service

On January 19, 2024, the Satellite Programs and Policy Division granted, with conditions, Loft Orbital Solutions Inc.'s request for authority to construct, deploy, and operate one NGSO satellite, YAM-6, at initial deployment to approximately 500 km (+/- 25 km) altitude, 97.6 (± 0.1) degrees inclination with operations authorized down to 350km. Loft is authorized to operate using the following frequencies: 2025-2110 MHz (center frequency 2070.0 MHz, 132 kHz emission bandwidth) (Earth-to-space) for primary earth-exploration satellite service (EESS) data uplink and primary command uplink; 8025-8400 MHz (center frequency 8125.0 MHz, 100 MHz emission bandwidth) (space-to-Earth) for primary EESS data downlink and primary telemetry and tracking downlink; 449.75-450.25 MHz (center frequencies of 450.125 MHz and 450.2 MHz, each with 17kHz emission bandwidth) (Earth-to-space) for backup command uplink; 400.15-401 MHz (center frequency 400.875 MHz, 34 kHz emission bandwidth) (space-to-Earth) and 401-402 MHz (center frequencies 401.017 MHz, 401.85 MHz, 401.155 MHz, 401.225 MHz, 401.375 MHz, 401.4375 MHz, 401.5 MHz, and 401.015 MHz, each with 34 kHz emission bandwidth) (space-to-Earth) for backup telemetry and tracking downlinks. Loft is also authorized to operate using frequencies in the 2200-2290 MHz (center frequency 2277.3 MHz, 5 MHz emission bandwidth) (space-to-Earth) and 2025-2110 MHz (center frequency 2102.5 MHz, 1 MHz emission bandwidth) (Earth-to-space) for experimental communications, and using 1525-1559 MHz (space-to-space) and 1626.5-1660.5 MHz (space-to-space) for inter-satellite communications with Inmarsat satellites. This application was granted under the streamlined small satellite procedures, 47 CFR § 25.122.

SAT-LOA-20230729-00189 E S3179 Quantum Space LLC

Launch and Operating Authority

Granted in Part/ Deferred in Part

Effective Date: 01/20/2024

Nature of Service: Other

On January 20, 2024, the Satellite Programs and Policy Division granted-in-part and deferred-in-part Quantum Space LLC's request for authority to deploy and operate one satellite, Quantum Sentry. Quantum Space is authorized to operate in sun-synchronous orbit at an altitude of 525 kilometers (+/- 20 kilometers) and at an inclination of 97.5 degrees (+/- 0.1 degrees). The Division authorized Quantum Space to use the 401-402 MHz (space-to-Earth) band for telemetry downlink, and the 2025-2110 MHz (Earth-to-space) band for data uplink for the space research service and command uplink. Specifically, Quantum Space may operate at center frequencies of 401.5 MHz with 40 kHz bandwidth and 2055 MHz with 0.3 MHz bandwidth. Quantum Space may also receive signals from the Global Positioning System at center frequencies of 1575.42 MHz and 1227.60 MHz. This application was granted under the small satellite licensing procedures in section 25.122 of the Commission's rules, 47 CFR § 25.122.

SAT-STA-20231101-00271 E S2704 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 11/15/2023

On November 15, 2023, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC for special temporary authority, for an additional period of 60 days, to operate Intelsat 5 at the 166.15° E.L. orbital location. Intelsat 5 operates in the fixed-satellite service in the 3700-4200 MHz, 10.70-10.95 GHz, 11.2-11.7 GHz, (space-to-Earth), 5925-6425 MHz, 12.75-13.25 GHz, and 14.0-14.25 GHz (Earth-to-space) frequency bands. Intelsat conducts telemetry, tracking, and command operations with Intelsat 5 using the following center frequencies: 11.451 GHz, 11.452 GHz, 11.454 GHz (space-to-Earth), 13.999 GHz and 14.498 GHz (Earth-to-space).

SAT-STA-20231101-00272 E S2408 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

Nature of Service: Fixed Satellite Service

On January 23, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for a period of 180 days to operate the Intelsat 904 space station with new C-band coverage areas at the 29.5° W.L. orbital location.

SAT-STA-20231201-00298 E S3154 Momentus Space LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/22/2024

On January 22, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Momentus Space LLC for special temporary authority to operate its Vigoride-6 (VR-6) space station for an additional 30 days.

SAT-STA-20231221-00323 E S3066 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

Nature of Service: Fixed Satellite Service

On January 23, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for an additional period of 60 days, for the Intelsat 40e space station to provide fixed-satellite service in the 18.8-19.3 GHz (space-to-Earth) and 28.6-29.1 GHz (Earth-to-space) frequency bands from the 91.0° W.L. orbital location.

SAT-STA-20231228-00328 E S2704 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

Nature of Service: Fixed Satellite Service

On January 23, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for an additional period of 60 days, to operate Intelsat 5 at the 166.15° E.L. orbital location. Intelsat 5 operates in the fixed-satellite service in the 3700-4200 MHz, 10.70-10.95 GHz, 11.2-11.7 GHz, (space-to-Earth), 5925-6425 MHz, 12.75-13.25 GHz, and 14.0-14.25 GHz (Earth-to-space) frequency bands. Intelsat conducts telemetry, tracking, and command operations with Intelsat 5 using the following center frequencies: 11.451 GHz, 11.452 GHz, 11.454 GHz (space-to-Earth), 13.999 GHz and 14.498 GHz (Earth-to-space).

SAT-STA-20240110-00010 E S2408 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

Application listed as granted in ICFS to reflect continuing operations pursuant to section 1.62 of the Commission's rules. 47 CFR § 1.62.

SAT-STA-20240110-00013 E S2715 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

On January 23, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for a period of 60 days to operate the Galaxy 17 space station's Ku-band beams over a new coverage area from the 85.0° W.L. orbital location. Galaxy 17 operates in the fixed-satellite service using the 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) bands, and uses the following center frequencies for telemetry, tracking, and command: 4197.125 MHz and 4198.875 MHz (space-to-Earth), and 5925.5 MHz and 6424.5 MHz (Earth-to-space).

SAT-STA-20240117-00015 E S2715 Intelsat License LLC
Special Temporary Authority
Grant of Authority

Effective Date: 01/23/2024

Application listed as granted in ICFS to reflect continuing operations pursuant to section 1.62 of the Commission's rules. 47 CFR § 1.62.

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