



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 24-1040

Friday October 4, 2024

Report No. SAT-01861

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-20230406-00075 E S3156 The Tomorrow Companies, Inc.
Amendment
Grant of Authority Effective Date: 10/03/2024

Nature of Service: Earth Exploration Satellite Service

See ICFS File No. SAT-LOA-20221201-00167 for a description of the action taken.

SAT-AMD-20240506-00094 E S3175 Sidus Space, Inc.
Amendment
Grant of Authority Effective Date: 10/01/2024

Nature of Service: Earth Exploration Satellite Service

See ICFS File No. SAT-LOA-20230613-00141 for a description of the actions taken.

SAT-AMD-20240629-00146 E S2253 Intelsat License LLC
Amendment
Grant of Authority Effective Date: 10/03/2024

Nature of Service: Fixed Satellite Service

See ICFS File No. SAT-MOD-20221230-00182 for a description of the action taken.

SAT-LOA-20221201-00167 E S3156 The Tomorrow Companies, Inc.
Launch and Operating Authority
Grant of Authority Effective Date: 10/03/2024

Nature of Service: Earth Exploration Satellite Service

On October 3, 2024, the Satellite Programs and Policy Division granted, with conditions, authority to the Tomorrow Companies, Inc. to deploy and operate additional satellites as part of the Tomorrow.io Weather Constellation. Specifically, Tomorrow.io is authorized to deploy and operate up to 14 additional satellites in non-geostationary orbit for operations in the Earth exploration-satellite service (EESS), with operating altitudes for satellites between 500-580 km (\pm 20 km). The Tomorrow.io satellites are authorized to conduct telemetry, tracking, and command (TT&C) operations and EESS operations in the 8025-8400 MHz (space-to-Earth) and TT&C in the 2025-2110 MHz (Earth-to-space) frequency bands. The Tomorrow.io satellites will also engage in receive-only EESS (passive) operations in 90.13-92.65 GHz, 114.5-122.75 GHz, 182.19-191.31 GHz, and 202.04-205.8 GHz frequency bands .

SAT-LOA-20230613-00141 E S3175 Sidus Space, Inc.
Launch and Operating Authority
Grant of Authority Effective Date: 10/01/2024

Nature of Service: Earth Exploration Satellite Service

On October 1, 2024, the Satellite Programs and Policy Division granted, with conditions, authority to Sidus Space, Inc. to construct, deploy, and operate four low-Earth orbit, non-geostationary satellites, to be known as the LizzieSat-2 through LizzieSat-5, that would operate in the Earth exploration-satellite service (EESS) at an altitude of 550 kilometers (+/- 50 kilometers) and inclinations of 45.0 degrees (+/- 1.0 degrees) for the LizzieSat-2 satellite and 97.5 degrees (+/- 1.0 degrees) for the LizzieSat-3, LizzieSat-4, and LizzieSat-5 satellites. Sidus Space is authorized to operate in the following frequency bands: 8025-8400 MHz (space-to-Earth) for the EESS downlink, 2025-2110 MHz (Earth-to-space) for command uplink, and 2200-2290 MHz (space-to-Earth) for tracking and telemetry downlink.

SAT-MOD-20221230-00182 E S2253 Intelsat License LLC
Modification
Grant of Authority Effective Date: 10/03/2024

Nature of Service: Fixed Satellite Service

On October 3, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Intelsat License LLC, as amended, for modification of the license for its Galaxy 11 space station to change the end of license term to October 31, 2024 and to specify operations at the 166.3° E.L. orbital location, instead of Galaxy 11's currently authorized location of 93.1° W.L. Intelsat is authorized to provide fixed satellite-service via Galaxy 11 at 166.3° E.L. in the 3700-4200 MHz (space-to-Earth), 5925-6425 MHz (Earth-to-space), 10.95-11.2 GHz (space-to-Earth), 11.7-12.2 GHz (space-to-Earth), and 13.75-14.5 GHz (Earth-to-space) frequency bands. Intelsat conducts telemetry, tracking, and command with Galaxy 11 using the following center frequencies: 11.701 GHz and 11.702 GHz (space-to-Earth); and 14.0005 GHz and 14.4985 GHz (Earth-to-space).

SAT-MOD-20240618-00138 E S3156 The Tomorrow Companies, Inc.
Modification 08/16/2024 -
Grant of Authority Effective Date: 10/03/2024

Nature of Service: Earth Exploration Satellite Service

See ICFS File No. SAT-LOA-20221201-00167 for a description of the action taken.

SAT-MOD-20240930-00209 E S2385 Intelsat License LLC
Modification
Withdrawn Effective Date: 10/03/2024

Nature of Service: Fixed Satellite Service

SAT-STA-20240610-00127 E Umbra Lab Inc
Special Temporary Authority
Granted in Part / Dismissed in Part Effective Date: 10/03/2024

Application listed as granted-in-part in ICFS to reflect continuing operations of the Umbra-04 space station pursuant to section 1.62 of the Commission's rules. 47 CFR § 1.62. See also SAT-STA-20240801-00167.

SAT-STA-20240829-00193 E S2253 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 10/03/2024

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-20240926-00204 E S2385 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 10/01/2024

On October 1, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for a period of 30 days, to conduct telemetry, tracking and command operations necessary to de-orbit Galaxy 14 from the 32.9° E.L. orbital location using the center frequencies of 4198.0 MHz and 4199.875 MHz (space-to-Earth), and 6420.5 MHz (Earth-to-space).

SAT-STA-20240926-00205 E S3083 Intelsat License LLC
Special Temporary Authority
Grant of Authority Effective Date: 10/02/2024

Nature of Service: Fixed Satellite Service

On October 2, 2024, the Satellite Programs and Policy Division granted, with conditions, special temporary authority to Intelsat License LLC, for a period of 30 days, to operate the Galaxy 34 satellite at 129.0° W.L. with new seasonal coverage in the 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-space) bands.

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