



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 24-285

Friday March 22, 2024

Report No. SAT-01810

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-20231013-00249 E S3178 Capella Space Corp.
Amendment
Grant of Authority

Effective Date: 03/15/2024

Nature of Service: Earth Exploration Satellite Service

See ICFS File No. SAT-LOA-20230718-00177 for a description of the action taken.

SAT-LOA-20230718-00177 E S3178 Capella Space Corp.
Launch and Operating Authority
Grant of Authority

Effective Date: 03/15/2024

Nature of Service: Earth Exploration Satellite Service

On March 15, 2024, the Satellite Programs and Policy Division granted, with conditions, authority to Capella Space Corp. to deploy and operate two low-Earth orbit, non-geostationary satellites, known as Acadia-3 and Acadia-4, that would operate in the earth-exploration satellite service (EESS), conducting synthetic aperture radar (SAR) imaging. Capella Space is authorized to operate in the following frequency bands: 9300-10000 MHz for SAR imaging; 8025-8400 MHz (space-to-Earth) for an EESS downlink; 2025-2110 MHz (Earth-to-space) for a command uplink; 8025-8400 MHz (space-to-Earth) for a telemetry and tracking downlink; and 1525.0-1559.0 MHz receiving (space-to-space) and 1626.5-1660.0 MHz transmitting (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 bandwidths from 10 MHz to 700 MHz for SAR imaging, a center frequency of 8212.5 MHz and bandwidth of 337.5 MHz for its EESS downlink, a center frequency of 2036 MHz and bandwidth of 1.4 MHz for its command uplink, and a center frequency of 8027 MHz and bandwidth of 1.4 MHz for its telemetry and tracking downlink. In addition, the Acadia-3 and Acadia-4 satellites are 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.

SAT-LOA-20230729-00189 E S3179 Quantum Space LLC
Launch and Operating Authority
Grant of Authority

Effective Date: 03/12/2024

Nature of Service: Other

On March 12, 2024, the Satellite Programs and Policy Division granted, with conditions, Quantum Space LLC's request for authority to also operate its satellite, known as the Quantum Sentry, in the 400.15-401 MHz (space-to-Earth) band. Specifically Quantum Space is authorized to operate using a signal with a center frequency 400.5 MHz and 40 kHz bandwidth.

SAT-MOD-20230927-00235	E	S2347	SES Americom, Inc.	
Modification				11/22/2023 - 11/01/2026
Grant of Authority				Effective Date: 03/15/2024

Nature of Service: Fixed Satellite Service

On March 15, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Astranis Projects USA LLC for extension of its special temporary authority for up to 30 days to conduct telemetry, tracking and command (TT&C) functions related to drifting the Arcturus space station from the 163° W.L. orbital location to the 78° E.L. orbital location. TT&C is performed using the 19701-19703 MHz and 19704-19706 MHz (space-to-Earth), and 28351-28353 MHz and 28354-28356 MHz (Earth-to-space) frequency bands.

SAT-STA-20240216-00034	E	S3092	Astranis Projects USA LLC	
Special Temporary Authority				
Grant of Authority				Effective Date: 03/15/2024

On March 15, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of Astranis Projects USA LLC for extension of its special temporary authority for up to 30 days to conduct telemetry, tracking and command (TT&C) functions related to drifting the Arcturus space station from the 163° W.L. orbital location to the 78° E.L. orbital location. TT&C is performed using the 19701-19703 MHz and 19704-19706 MHz (space-to-Earth), and 28351-28353 MHz and 28354-28356 MHz (Earth-to-space) frequency bands.

SAT-STA-20240308-00050	E	S2673	DIRECTV Enterprises, LLC	
Special Temporary Authority				
Grant of Authority				Effective Date: 03/21/2024

Nature of Service: Direct Broadcast Satellite Service

On March 21, 2024, the Satellite Programs and Policy Division granted, with conditions, the request of DIRECTV Enterprises, LLC for an extension of special temporary authority for a period of 60 days for the DIRECTV 5 space station to operate with its beams oriented to improve coverage to Alaska and Hawaii. DIRECTV 5 operates from the 110.1 W.L. orbital location, using the 12.2-12.7 GHz (space-to-Earth) and 17.3-17.8 GHz (Earth-to-space) frequency bands. Telemetry, tracking & command is performed using the following center frequencies: 12201.0 MHz and 12202.0 MHz (space-to-Earth); and 17301.0 MHz and 17305.0 MHz (Earth-to-space).

SAT-STA-20240314-00056	E	S3134	Intelsat License LLC	
Special Temporary Authority				
Grant of Authority				Effective Date: 03/21/2024

Nature of Service: Direct Broadcast Satellite Service

On March 21, 2024, the Satellite Programs and Policy Division granted, with conditions, Intelsat License LLC's request for special temporary authority, for an additional period of 60 days, to operate the Galaxy 35 space station at the 93.1° W.L. orbital location.

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