



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
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DA No. 22-824

Friday August 5, 2022

Report No. SAT-01654

Satellite Policy Branch Information

Actions Taken

The Commission, by its International 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-20210831-00119 E S3082 ICEYE US, Inc.
Amendment
Granted in Part/ Deferred in Part Effective Date: 04/21/2022

Nature of Service: Earth Exploration Satellite Service

See IBFS File No. SAT-LOA-20210212-00021 for a description of the action taken.

SAT-LOA-20210212-00021 E S3082 ICEYE US, Inc.
Launch and Operating Authority
Granted in Part/ Deferred in Part Effective Date: 04/21/2022

Nature of Service: Earth Exploration Satellite Service

On August 4, 2022, the Satellite Division authorized ICEYE US, Inc. to construct, deploy, and operate one additional low-Earth orbit, non-geostationary orbit (NGSO) satellites in the Earth Exploration Satellite Service (EESS), deployed to an altitude of approximately 550 km, to conduct Synthetic Aperture Radar (SAR) imaging. ICEYE US is authorized to operate an EESS downlink with a center frequency of 8212.5 MHz and a bandwidth of 375 MHz and an EESS downlink with a center frequency of 8300 MHz and a bandwidth of 150 MHz, and to conduct SAR operations using a center frequency of 9600 MHz and a bandwidth of 600 MHz, and using a center frequency of 9650 MHz and bandwidths of 150 MHz, 200 MHz, and 300 MHz. ICEYE US is also authorized to conduct telemetry, tracking, and command as follows: 2277.3 MHz center frequency, bandwidth 3 MHz (space-to-Earth); and 2086.9 MHz center frequency, bandwidth 1.2 MHz (Earth-to-space).

SAT-PDR-20211214-00194 E S3128 Fleet Space Technologies
Petition for Declaratory Ruling
Withdrawn Effective Date: 08/01/2022

Nature of Service: Mobile Satellite Service

SAT-STA-20220516-00051 E Space Exploration Holdings, LLC
Special Temporary Authority
Grant of Authority Effective Date: 08/03/2022

On August 3, 2022, the Satellite Division granted, with conditions, the request of Space Exploration Holdings, LLC for special temporary authority for a period of 180 days to permit communications between SpaceX satellites and U.S. earth stations at latitudes above 53 degrees using elevations down to ten degrees. Specifically, SpaceX is authorized to temporarily adjust the minimum elevation angle from 25 degrees to ten degrees at latitudes above 53 degrees for communications in the 10.7-12.7 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) frequency bands.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 1-888-835-5322.