

NARRATIVE

ICEYE US, Inc. (“ICEYE”) seeks 60-day special temporary authority (“STA”), starting August 13, 2026, for the Tranche 4 (X83) satellite to conduct telemetry, tracking, and command (“TT&C”) operations in the 2025-2110 MHz (Earth-to-space) and 2200-2290 MHz (space-to-Earth) (“S-band”) frequencies outside the United States.¹ The proposed STA’s technical parameters mirror the related pending space station authorization application’s technical parameters.²

Granting the STA would serve the public interest for three primary reasons. *First*, the requested STA is narrowly tailored, limited in duration, and would permit only those S-band TT&C operations necessary to safely operate the X83 satellite. *Second*, the X83 satellite is more capable than ICEYE’s currently authorized satellites and will provide enhanced ability to capture high-resolution synthetic aperture radar imagery through clouds, darkness, and rain. These enhanced capabilities will support important public interest use cases, including persistent natural disaster monitoring, national security intelligence, maritime domain awareness, and critical infrastructure management. *Third*, launch capacity constraints beyond ICEYE’s control required this package to be submitted on a compressed schedule. Given the scarcity of launch opportunities, prompt grant of the requested STA would avoid unnecessarily penalizing a U.S. operator and would facilitate timely deployment of the X83 satellite’s enhanced capabilities.

¹ See ICEYE, Application, ICFS File No. SAT-LOA-20260626-00261 (filed July 13, 2026) (“X83 Application”). No 30-day public notice period is required because the corresponding regular authority application is pending. See 47 C.F.R. § 25.120(b)(3).

² See X83 Application at Schedule S, Narrative at Attachments A, C.

APPENDIX – CONSOLIDATED FEDERAL COORDINATION SPREADSHEET

[illegible]

Channel ID	Channel Bandwidth (MHz)	Center Frequency (MHz)
XA1	150	9275
XA2	150	9425
XA3	150	9575
XA4	150	9725
XA5	150	9875
XA6	150	10025
XA7	150	10175
XA8	150	10325
XA9	200	9300
XA10	200	9500
XA11	200	9700
XA12	200	9900
XA13	200	10100
XA14	200	10300
XA15	300	9350
XA16	300	9650
XA17	300	9950
XA18	300	10250
XA19	600	9500
XA20	600	10100

Comments

ICEYE does not stationkeep.

Duty cycle describes the ratio between the time the satellite is visible in relation to the ground station versus the percentage the radios are typically transmitting. The satellite does not transmit 24/7.

The S-band uplink and downlink may operate down to 250 km. But the X-band downlink and SAR payload will operate down to only 400 km.

The X-band SAR payload will operate for three minutes (maximum) of each orbit (approximately 92 minutes at 400 km and 97 minutes at 600 km). Each image capture will not exceed 180 seconds.

For Tranche 1, six of the six authorized and coordinated satellites have deorbited, and ICEYE surrendered its authorization.

For Tranche 2 and Tranche 3, nine of the nine authorized and coordinated satellites are launched and operational.

For Tranche 3.1, the one authorized and coordinated satellite is launched and operational.

For Tranche 3.2, the one authorized and coordinated satellite is launched but not yet operational.