

Maris Developments E181611

Request for 30-day Special Temporary Authority (“STA”)

Maris Developments (“Maris”) respectfully seeks a 30-day extension of STA previously granted to Maris to add Capella Space’s space stations licensed under Call Sign S3178¹ as satellite points of communication to its fixed earth station located in Boardman, Oregon (the “Boardman Earth Station”; Call Sign E181611).² The grant for Call Sign S3178 lists the Boardman Earth Station as one of the ground stations to be utilized.³

Consistent with Section 1.62 of the Federal Communications Commission’s rules,⁴ Maris will continue communicating with the Capella Space satellites licensed under Call Sign S3178 pursuant to the terms and conditions of its expiring STA pending grant of the instant extension request.⁵ Maris notes that its recently granted earth station license provides authority for communications with the Acadia 1-6 satellites, and by this application requests further extension of STA specifically for the Acadia-7 through Acadia-11 satellites.⁶

Grant of this STA is in the public interest because it will enable Maris to support Capella in accordance with its mission objectives.

Earth Station Location

The Boardman Earth Station is located at:

45° 51’ 16.9596” N

119° 37’ 53.061” W

Frequency Information

The Boardman Earth Station would communicate with the satellites under Call Sign S3178 utilizing the following frequencies:

¹ See *Application of Capella Space Corp. to Add Acadia-7 through Acadia-11*, ICFS File No. SAT-MOD-20240926-00206 (granted Mar. 31, 2025) (“*Acadia 7-11 Modification*”).

² See *Maris Developments*, Stamp Grant, ICFS File No. SES-MOD-20191121-01544, at 5 (granted Jan. 15, 2026) (listing the Capella space stations licensed under Call Sign S3178 as points of communication) (“*Boardman License*”).

³ *Acadia 7-11 Modification*, Appendix A, ¶ 5.

⁴ 47 C.F.R. § 1.62.

⁵ See *Application of Maris Developments for Special Temporary Authority*, Stamp Grant, ICFS File No. SES-STA-20250911-00669 (granted Jan. 14, 2026) (granting Maris 30 days of STA to communicate with Acadia-3 through Acadia-11 through February 13, 2026).

⁶ *Boardman License* at 7, Condition 900718 (applying conditions to only the Acadia 1-6 satellites).

TT&C Uplink

Center Frequency: 2036 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 41dBW

Max EIRP Density Per Carrier: 15.56 dBW/4kHz

TT&C Downlink

Center Frequency: 8027 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

Payload Downlink

Center Frequency: 8212.5 MHz

Emission Designator: 338MG1D

Polarity: Dual - LHCP/RHCP

Stop Buzzer

The Stop Buzzer POC for this STA is:

Operations Center

(206) 399-1834