

Haras Development E181423

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

Haras Development (“Haras”) respectfully seeks a 30-day extension of STA previously granted to Haras to add Capella Space’s space stations licensed under Call Sign S3178¹ as satellite points of communication to its fixed earth station located in Dublin, Ohio (the “Dublin Earth Station”; Call Sign E181423).² The grant for Call Sign S3178 lists the Dublin Earth Station as one of the ground stations to be utilized.³

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

Consistent with Section 1.62 of the Federal Communications Commission’s rules,⁴ Haras 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

Earth Station Location

The Dublin Earth Station is located at:

40° 6’ 01.911” N

83° 11’ 51.177” W

Frequency Information

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

Uplink

Center Frequency: 2036 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 41 dBW

Max EIRP Density Per Carrier: 15.56 dBW/4kHz

¹ See *Application of Capella Space Corp. to Modify Authorization for S3178*, Stamp Grant, ICFS File No. SAT-MOD-20250813-00213 (granted Mar. 3, 2026) (“*S3178 Grant*”).

² See *Haras Development*, Stamp Grant, ICFS File No. SES-MOD-20191021-01351 (Jan. 30, 2024).

³ *S3178 Grant*, Appendix A.

⁴ 47 C.F.R. § 1.62.

⁵ See *Application of Haras Development for Special Temporary Authority*, Stamp Grant, ICFS File No. SES-STA-20260622-01879 (granted Aug. 5, 2026) (granting Haras 30 days of STA to communicate with Acadia-3 through Acadia-11 through September 4, 2026).

Downlink

Center Frequency: 8027 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

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