

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 Corp.’s space stations Acadia-1 and Acadia-2 (Call Sign S3162)¹ as additional points of communication to its fixed earth station located in Dublin, Ohio (the “Dublin Earth Station”; Call Sign E181423).²

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,³ Haras will continue communicating with Acadia-1 and -2 pursuant to the terms and conditions of its expiring STA pending grant of the instant extension request.⁴

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 Acadia-1 and -2 utilizing the following frequencies:

Uplink

Center Frequency: 2036 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

¹ See *Application of Capella Space Corp. for Authority to Launch and Operate a Non-Geostationary Orbit Satellite System in the Earth Exploration Satellite Service*, Stamp Grant, ICFS File No. SAT-LOA-20230307-00048 (granted June 23, 2023) (“*Acadia 1, -2 Grant*”). The Dublin Earth Station is included on the list of earth stations coordinated with Acadia-1 and -2 as “Kileville, Ohio.” See *Acadia-1, -2 Grant*, Appendix A.

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

³ 47 C.F.R. § 1.62.

⁴ See *Application of Haras Development for Special Temporary Authority*, Stamp Grant, ICFS File No. SES-STA-20260327-00731 (granted June 10, 2026) (authorizing the Dublin Earth Station to communicate with Acadia-1 and Acadia-2 through July 10, 2026).

Downlink

Center Frequency: 8027 MHz

Emission Designator: 1M40F1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 4.5

Max EIRP Density Per Carrier (dBW/4 kHz): -21.0

Downlink

Center Frequency: 8212.5 MHz

Emission Designator: 338MG1D

Polarity: RHCP, LHCP, or RHCP+LHCP

Max EIRP Per Carrier (dBW): 26.0

Max EIRP Density Per Carrier (dBW/4 kHz): -22.0

Stop Buzzer

The Stop Buzzer POC for this STA is:

AWS Operations Center

(206) 399-1834