

Moynk Properties, LLC
Call Sign E202006
Request for 30-day Special Temporary Authority (STA)

Moynk Properties, LLC (“Moynk”) seeks special temporary authority (“STA”) for 30 days to add Capella Space Corporation’s Part 25 Call Sign S3073 as a point of communication. Capella has a pending license application under IBFS File No. SAT-LOA-20200914-00108.

As background, Moynk applied for STA to add Capella-2 (Sequoia) and Capella-3 (Whitney) as points of communication under Capella’s experimental authorizations File No. 0066-EX-CN-2018 and File No. 0029-EX-CM-2020. See IBFS File Nos. SES-LIC-20200527-00571, SES-STA-20200528-00582. The Bureau granted STA for Capella-2 and Capella-3, contingent on experimental authorization grant for Capella-3,¹ for 30 days, see IBFS File No. SES-STA-20200528-00582 (granted May 28, 2020), which Moynk timely renewed under Section 1.62, see IBFS File No. SES-STA-20200911-00987.

After discussion with FCC staff, Moynk files this application to reference Capella’s Part 25 Call Sign S3073, which includes Capella-2, -3, and -4, and add these space stations as points of communication. See IBFS File No. SAT-LOA-20200914-00108. Moynk seeks to use two Viasat 5.4m antennae to communicate with Capella. See IBFS File No. SES-LIC-20200527-00571, Narrative Attachment, at 1 (describing antennae).

Frequencies Sought by This STA

(1) TT&C uplink

Center Frequency: 2036 MHz
Emission Designator: 1M40F1D
Polarity: RCHP

(2) TT&C 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

(3) Payload Downlink

Center Frequency: 8212.5 MHz

¹ Experimental authorization was subsequently granted to Capella-3 on September 4, 2020. See Capella Space Corporation, OET File No. 0029-EX-CM-2020 (Sept. 4, 2020).

Emission Designator: 338MG1D

Polarity: RCHP, LCHP, or RHCP+LHCP

Max EIRP Per Carrier (dBW): 26.0

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