

Moynk Properties, LLC
E230174

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

Moynk Properties, LLC (“Moynk”) respectfully seeks a 30-day extension of STA previously granted to add PlanetiQ’s GNOMES-4 (Call Sign S3153) and GNOMES-5 (Call Sign S3185)¹ satellites as additional satellite points of communication to its fixed earth station located in Prudhoe Bay, Alaska (the “Prudhoe Bay Earth Station”; Call Sign E230174).²

Consistent with Section 1.62 of the Federal Communications Commission’s rules,³ Moynk will continue communicating with the GNOMES-4 and -5 satellites pursuant to the terms and conditions of its expiring STA pending grant of the instant extension request.⁴

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

Earth Station Location

The Prudhoe Bay Earth Station is located at:

70° 12’ 14.2” N

148° 28’ 26.6” W

Frequency Information

The Prudhoe Bay Earth Station would communicate with GNOMES-4 and GNOMES-5 utilizing the following frequencies:

Uplink

Center Frequency: 2081 MHz

Emission Designator: 200KG1D

Polarity: RHCP

Max EIRP Per Carrier (dBW): 50.07 dBW

Max EIRP Density Per Carrier (dBW/4 kHz): 33.08

¹ See *Application of Space Sciences & Engineering (PlanetiQ) for Authority to Launch and Operate Non-Geostationary Earth Exploration Satellite Service Satellite, GNOMES-4*, Stamp Grant, ICFS File No. SAT-LOA-20220921-00113 (granted Nov. 6, 2023); *Application of Space Sciences & Engineering (PlanetiQ) for Authority to Launch and Operate Non-Geostationary Earth Exploration Satellite Service Satellite, GNOMES-5*, Stamp Grant, ICFS File Nos. SAT-LOA-20240205-00023; SAT-AMD-20240524-00111 (granted June 5, 2024).

² See *Moynk Properties, LLC Request for Transmit/Receive Earth Station Authorization*, Stamp Grant, ICFS File No. SES-LIC-20231103-02387 (granted May 20, 2025).

³ 47 C.F.R. § 1.62.

⁴ See *Application of Moynk Properties, LLC for Special Temporary Authority*, Stamp Grant, ICFS File No. SES-STA-20260327-00688 (granted June 10, 2026) (granting Moynk 30 days of STA to communicate with GNOMES-4 and -5 through July 10, 2026).

Downlink

Center Frequency: 8260 MHz

Emission Designator: 20M0G1D

Polarity: RHCP

Stop Buzzer

The Stop Buzzer POC for this STA is:

Operations Center

(206) 399-1834