

## **Moynk Properties, LLC**

### **Request for Transmit/Receive Earth Station Authorization**

Moynk Properties, LLC (“Moynk”) submits this application for authorization to operate a fixed earth station in Kapolei, Hawaii to communicate with several different space station customers (the “Kapolei Earth Station”). This application seeks authority to transmit and receive with Earth Exploration Satellite Service (“EESS”) customers utilizing certain UHF, S-, and X-band frequencies, as set forth below and in the Schedule Bs.

#### ***The Kapolei Earth Station***

The Kapolei Earth Station seeks to utilize two pairs of antennae. The antennae in each pair will be co-located and comprised of a 5.4m Viasat antenna and a UHF M2 Antenna Systems antenna. The UHF antenna is mounted to the 5.4m antenna in each pairing.

Antenna Pair 1 will be located at: 21° 20' 12.5" N 158° 5' 24.6" W

Antenna Pair 2 will be located at: 21° 20' 11.5" N 158° 5' 23.7" W

#### ***Points of Communication***

Moynk requests authorization for the Kapolei Earth Station to communicate with the following EESS satellite constellations and frequencies:

- DigitalGlobe Worldview 1-4 (call signs S2129 and S2348)
  - 401-403 MHz and 8025-8400 MHz downlink; and
  - 402-403 MHz, 432-438 MHz, 449.75-451.25 MHz, 2051.34-2052.66 MHz, 2085.04-2086.36 MHz, and 2091.94-2093.26 MHz uplinks
- BlackSky Global 1-4 (call sign S3032)
  - 401-403 MHz and 8025-8400 MHz downlink; and
  - 402-403 MHz, 432-438 MHz, 449.75-451.25 MHz, and 2071.875 MHz uplink
- Planet Dove (call sign S2912):
  - 401.27-401.33 MHz and 8025-8400 MHz downlink; and
  - 449.97-450.03 MHz, 2053.345-2054.655 MHz, and 2055.345-2057.965 MHz uplink
- SkySat Skybox (call sign S2862):
  - 8045-8105 MHz, 8170-8230 MHz, 8295-8355 MHz, 8374.872-8375.128 MHz, and 8379.872-8380.128 MHz downlink; and
  - 2080.945-2081.055 MHz and 2082.945-2083.055 MHz uplink
- Capella Sequoia (call sign WJ2XJE)
  - 8025-8400 MHz downlink; and
  - 2035.3-2036.7 MHz uplink
- Capella Whitney (call sign WL2XAD)
  - 8025-8400 MHz downlink; and
  - 2035.3-2036.7 MHz uplink

Per discussion and directive from International Bureau staff, Moynk provides a separate Schedule B for each point of communication with complete technical details to facilitate the individual evaluation and processing of each requested satellite point of communication.<sup>1</sup>

***Public Interest***

Prompt grant of this application will serve the public interest by facilitating systematic and efficient use of resources by satellite network operators and service providers, enabling EESS customers to focus on satellite operations by minimizing deployment and management of their own ground infrastructure and allowing Moynk to provide that service instead. This managed, multi-tenant system provides for an increase in coordination in the EESS and among Moynk's client constellations.

Such innovative shared infrastructure solutions also help to advance the goals of United States space policy by making commercial space increasingly accessible to more users, whether service providers or consumers, through reduced cost of operations.<sup>2</sup>

***Conclusion***

For the reasons set forth above, Moynk respectfully requests that the Commission promptly grant this license application.

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<sup>1</sup> See 47 C.F.R. § 25.115.

<sup>2</sup> See, e.g., Presidential Memorandum, *Space Policy Directive-2 of May 24, 2018: Streamlining Regulations on Commercial Use of Space*, 83 Fed. Reg. 24901 (May 30, 2018).