

To: Gunnar Halley  
E-Mail: gunnarh@microsoft.com  
From: Behnam Ghaffari  
Date: August 04, 2020

Subject: FCC File No. 1134-EX-ST-2020

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Message:

1. Is the Demios-2 the point of communication that will be used with this ground station, and is this spacecraft licensed to communicate with ground stations in the US?
2. The application mentions the Quincy, WA earth station and a Brewster, WA earth station, but only the Quincy, WA earth station data was included in the application. Are the Brewster, WA earth station operations already licensed to communicate with the Demios-2 satellite?
3. In the purpose of operation the applicant states "Microsoft does not seek authority to provide commercial service to users in the United States", but in the supplemental material provide the applicant states "Grant of the requested authority will serve the public interest by ... paving the way for Microsoft to offer a new, advanced service for EO customers in the U.S. and elsewhere". As such, does the applicant intent to use these frequency bands to provide commercial services?
4. In the supplemental material, the applicant states "Operational compatibility between Deimos-2 and the satellites of other EESS systems is managed through the international coordination process, and interference is unlikely because EESS systems operating in the 8025-8400 MHz band normally transmit only in short periods of time while visible from the dedicated receiving earth stations (typically less than 10 minutes for a single pass)". However, the Demios-2 is not licensed nor has it completed international coordination for operation with these earth stations in these frequency bands, so permitting the Quincy, WA or Brewster, WA earth station to receive data from this satellite will increase the interference potential to federal earth station operations. How does the applicant propose to mitigate these interference concerns?

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of August 04, 2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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