

From: David Poticny

To: Leann Nguyen

Date: February 25, 2020

Subject: Request for Info - File # 0203-EX-CN-2020

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Message:

There is a lot of interest in the concept of High Altitude Platforms (HAP's) in the cellular industry. This experimental license is to be used to test with a HAP airship (dirigible) that will fly at approximately 20 km high and will remain semi-fixed relative to a point on the ground. The intent is to communicate from the HAP to the ground in the midband spectrum to a regular cellular handset. The experiment is to test link budget, data rate, signal quality, and overall stability of the HAP platform for cellular communications. The midband spectrum is ideal to penetrate cloud cover and provide suitable coverage for a potential cellular service particularly in unserved or underserved areas.

The person who is responsible to terminate the experiment, if required, at any time is David M. Poticny, phone number 201-572-9288, which is active 24 hours per day.

Please let me know if you need additional information.