

To: Alexander Shim
E-Mail: alex.shim@novawurks.com
From: Anthony Serafini
Date: November 18, 2015

Subject: Request for Info - File # 1177-EX-ST-2015

Message:

Alex

Please respond to the following questions.

1. Please describe the hardware configuration and routing between the HiSat portion and the VHF module. Is the connection wired or is there RF using the wi fi frequencies to communicate the GPS location and any other data to the amateur payload? In addition to the GPS unit, is there other data from the HiSat portion, such as sensor data, that can be accessed through the VHF module.
2. Will any data from sensors or other equipment in the HiSAT portion of the satellite be downlinked through the VHF module?
3. Will Novawurks have any ability to command cessation of transmissions by the 2.4 and 5.2 GHz transmitters? Please explain, if or whether Novawurks is able to comply with the ITU turn off requirement in Article 22.1. "22.1 §1 Space stations shall be fitted with devices to ensure immediate cessation of their radio emissions by telecommand, whenever such cessation is required under the provisions of these Regulations."
4. What capabilities was the 2 GHz radio designed to provide? .
5. Will Novawurks be able to accomplish any of its experimental objectives, and confirm that it has met those objectives, with no 2 GHz radio?

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 November 18, 2015 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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Responses to this correspondence must contain the Reference number : 30110