

From: Laura Stefani

To: Nimesh Sangani
Date: March 13, 2019

Subject: Additional Information Request

Message:

1. The CubeSat that will be involved in this experiment is not identified. It will need to be identified, by name.

RESPONSE: The name of the CubeSat is the Blue Walker 1.

2. The information specified in 5.64 of the rules is required in order to authorize a ground station to communicate with that satellite.

RESPONSE: Per a discussion with Tony Serafini last summer, we were informed that this would not be needed because the satellite will be authorized by PNG and therefore we only needed to seek authority for the ground station, not the satellite. Can you please confirm?

3. The application indicates that the CubeSat is authorized by Papua New Guinea. We will need clarification. If this is a Papua New Guinea ITU filing, what is the name of the filing? Also, does PNG intend to register the satellite with the United Nations Office of Outer Space, and if so, can the applicant provide some documentation? If not, what country will register with the UN?

RESPONSE: The name of the ITU filing is MICRONSAT. As stated, PNG intends to register the satellite with the UN Office of Outer Space. In terms of documentation, what are you seeking (presently, we have the ITU filing)?

4. Are the U.S. earth station operations the only ones planned with this satellite (and does the PNG ITU filing reflect the full scope of ground station operations)?

RESPONSE: No, the U.S. earth station operations are not the only ones planned with this satellite. No, the PNG ITU filing does not reflect the full scope of the planned ground station operations.

5. The confidentiality request seems way overbroad. Please clarify.

RESPONSE: AST&Science seeks to protect confidential business information related to patented technologies. Namely, the fact that they will use a phased array and a parabolic antenna, how the array will be fit together, the number of micronsats in the array, the diagram of the test set up, and any information related to the design of the satellite system or time to market. Please provide direction as to next steps, in any are required.