

To: Scott Palo
E-Mail: palo@bluecanyontech.com
From: Leann Nguyen
Date: May 27, 2016

Subject: Request for Info - File # 1257-EX-ST-2015

Message:

International Bureau has identified a number of concerns that need some clarification. Please provide the following information as soon as possible

1. Explain what the UHF antenna is being used for and if it is transmitter or receiving and are there any other radio transmitters on the satellite.
2. It is unclear who will be operating the satellite. The language in the ODAS section 2 makes it clear that Blue Canyon will build, but it is not clear who is responsible for the operations.
3. There is surviving debris from this satellite. We need additional information from the applicant about who the responsible party is in the event that there is a casualty from the satellite re-entry. We are particularly concerned because it appears that RAVAN is intended to be a tech demonstrator for a constellation, so the aggregate risk would be considerably higher. Alternatively, a higher fidelity analysis may establish that the stainless steel component will demise; if the applicant can undertake that analysis and establish a zero casualty risk, this issue is moot.
4. Unclear why this is an STA.
5. The applicant must indicate whether they will assist the JSPoC in cataloging the spacecraft, and whether, upon receipt of a conjunction warning from the JSpOC or other source, the licensee will review the warning and take all possible steps to assess and, if necessary, to mitigate collision risk, including, but not limited to: contacting the operator of any active spacecraft involved in such warning; sharing ephemeris data and other appropriate operational information with any such operator; modifying spacecraft attitude and/or operations.

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 May 27, 2016 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 : 32515