

To: Anne Cortez
E-Mail: alc@conspecinternational.com
From: Nimesh Sangani
Date: January 13, 2022

Subject: Additional Information Request

Message:

Please address the following questions and concerns:

- 1) There will need to be a Globalstar companion filing, regardless if Globalstar will be transmitting to your spacecraft or not. Please provide the license number provided by Globalstar.
- 2) Please provide the tolerances for altitude, inclination, etc that will be maintained through use of propulsion.
- 3) The small object risk calculations provided show a single panel as the only object that would prevent PMD if damaged. Please provide an explanation for the sole selection of this object.
- 4) In attachment A, please explain the 5 provided cross-sectional area values. What does each of these values represent in a real-world scenario?
- 5) The table provided in response to Q13 provides two surface areas, not area-to-mass values. Please provide the area-to-mass values for both the stowed and deployed configurations, in m^2/kg . Additionally, please explain why the surface area of the solar panels was not included in these calculations.
- 6) As your proposed PMD orbit is highly elliptical, please provide information regarding any precautions/coordination that have been undertaken or considered regarding protecting inhabitable spacecraft in this altitude range, such as the ISS and Chinese Space Station.

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 January 13, 2022 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 : 66831