

To: Victor Gomez
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From: Doug Young
Date: May 13, 2021

Subject: Request for Info - File # 1064-EX-CN-2020

Message:

The FCC's International Bureau/Satellite Division has some additional questions:

What is the expected altitude of the spacecraft after the 5-year mission completes, prior to deployment of the dragsail? Additionally, how would the change in timeframe affect collision risk and orbital lifetime during the end-of-life deorbit phase?

Is the deployment altitude of 750 km required by mission contract or would a lower initial altitude be sufficient?

What, if any, design-for-demise considerations were taken into account during the design of the spacecraft?

Please provide a detailed breakdown of the 6 unique surviving components of the spacecraft to include, at a minimum: all material types in the component, % of the component by material type, mass of the material type used in the component.

Is there any heritage data on the DragNET system as a whole, or is the heritage information focused on the individual components?

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 13, 2021 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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