

To: Antonio J. Montesinos  
E-Mail: rfops@spaceai.com  
From: Doug Young  
Date: August 26, 2021

Subject: Request for Info - File # 0173-EX-CN-2021

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Message:

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

1. On page 35 of the ODAR, the solar panels are modeled as a single object. Looking at the picture of the spacecraft, as well as the deployment description, it appears that there are 5 separate solar panels, of 3 unique sizes. If this is correct, the modeling will need to be redone to reflect this and an updated demisability calculation will need to be run and reported. If this is not the case, please provide further explanation regarding the physical layout of the solar panels as they are affixed to the spacecraft body.
2. Please provide the value reported by DAS as the casualty risk.
3. Please indicate the steps taken to design the spacecraft for demise, including consideration of alternative materials/components for those predicted during the design phase to survive re-entry.

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 August 26, 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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Responses to this correspondence must contain the Reference number : 64247