

To: Austin Weber
E-Mail: austin.weber@cesiumastro.com
From: Nimesh Sangani
Date: July 12, 2021

Subject: Additional Information Request

Message:

Please address the following questions and concerns:

1. Is it correct to say that the ballast is not a part of the COTS hardware?
2. Please design for demise. Specifically, please perform and submit a design study examining whether improvements in ADCS and thruster control are achievable using alternative ballast (materials, number of ballast objects, etc., other custom adjustments to spacecraft mass distribution) that would not result in survival of components with greater than 15J energy.
3. The calculations in the current ODAR (June 11, 2021) match those in the previous version (May 7, 2021), which does not reflect the addition of the ballast component. Upon completion of the design study, and based on any updated spacecraft configuration, the ODAR should be updated.

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 July 12, 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 : 63240