

To: Patrick Walton
E-Mail: patrick@careweather.com
From: Nimesh Sangani
Date: August 17, 2020

Subject: Additional Information Request

Message:

Please address the following questions/concerns:

1. Please address the reliability of the solar array deployment system.
2. Please indicate whether the delay that is "initiated" after release into orbit is initiated by the command and computing subsystem, or some other subsystem, and what triggers that subsystem to trigger initiation of the delay. What are the relevant systems needed to initiate solar panel deployment? Do they have any flight heritage? If so, are any of the relevant systems ones that flew on a satellite with which contact was not established or for which solar panel deployment has not been confirmed?
3. Update the orbit altitude in the spacecap file.
4. The 459-459.075 MHz is not allocated for telecommand or telemetry. Please provide a detailed interference analysis showing the network will be compatible with authorized Fixed, Mobile and Mobile Satellite networks (FCC and ITU data) operating in the band.
5. The applicant has checked the 4.4 box in the spacecap. The 459-459.075 MHz band requires coordination under 9.11A. Please uncheck the 4.4 box.

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 17, 2020 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 : 56840