

To: Anne Cortez
E-Mail: alc@conspecinternational.com
From: Nimesh Sangani
Date: April 28, 2022

Subject: Additional Information Request

Message:

1. Please indicate that in the event the RROCI will need to perform collision avoidance that you will send the necessary commands to the spacecraft for it to propulsively maneuver to a safe location. Will the trajectory of any maneuvers also be screened for possible conjunctions prior to execution of any maneuver?
2. Please define the risk thresholds and lead time limits that inform whether and when an avoidance maneuver is required, the sequence of events from when a CDM is received to the time a collision avoidance maneuver is executed, etc. with expected timeframes.
3. Please state the expected ability of the spacecraft to successfully respond to a conjunction warning which requires a propulsive maneuver. Will the spacecraft be able to avoid a predicted collision using the included propulsive system? Is there a minimum amount of time before a potential collision that the RROCI would be unable to effectively respond through use of a propulsive maneuver?
4. Please confirm that you will be conducting coordination with inhabitable space stations during the deorbit/orbit lowering process.

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 April 28, 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 : 69102