

To: Anne Cortez
E-Mail: alc@conspecinternational.com
From: Nimesh Sangani
Date: December 13, 2021

Subject: Additional Information Request

Message:

Please address the following questions and concerns from IB:

- 1) Please remove the sections from the NTIA Space Record Data Form that concern Globalstar and resubmit.
- 2) Please provide the Globalstar companion filing reference number.
- 3) Please uncheck the 4.4 designation for the X-Band downlink.
- 4) Please confirm the minimum power density for the X-Band downlink in the spacecap. A quick check indicates the value would be around -75, not -210.
- 5) Please confirm the minimum power density for the S-Band downlink in the spacecap. A quick check indicates the value would be around -63, not -220.
- 6) Please confirm the minimum power density for the S-Band uplink in the spacecap. A quick check indicates the value would be around -47, not -180.
- 7) What is the metal be using as propellant?
- 8) Please confirm if propulsion will be used for collision avoidance maneuvers.
- 9) Please confirm if propulsion will be used for stationkeeping, and if so, to what tolerances (+/- altitude, inclination, etc.)
- 10) Please provide the small object collision risk value as required for spacecraft that will be performing post mission disposal efforts.
- 11) Please provide additional detail regarding the system mass budget table on page 5. Please provide the full names of every title and item in the table.
- 12) In the event of a propulsion system failure, please provide the orbital lifetime of the spacecraft for both the deployed and stowed configurations at the initial altitude of 642 km.
- 13) What is the area-to-mass value of the spacecraft in both the stowed and deployed configurations?
- 14) Please provide the preliminary plans for controlled reentry of the spacecraft as required by NASA STD 8719.14b.

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 December 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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Responses to this correspondence must contain the Reference number : 66363