

## Douglas Young

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**From:** Douglas Young  
**Sent:** Tuesday, September 1, 2020 4:14 PM  
**To:** dsmith@planetiq.com  
**Subject:** Request for Info - File # 0504-EX-CN-2020  
**Attachments:** GNOMES-2.csv

1. Correct the 3 fatal errors in the Spacecap file.(see attached report)
2. Provide an EMC analysis.
3. Complete the attached additional data form for ITU submission

ODAR-related questions:

1. The launch mass is stated to be 40kg with a dry mass of 39.58kg. The reentry mass used for all DAS-related calculations is 36kg. Please provide additional information for these mass numbers.
2. Provide the station-keeping tolerances for the spacecraft.
3. There are no collision risk calculations provided for post operational decay of the satellite. Please provide collision risk calculations for the timeframes consisting of the planned orbit-lowering (EOL maneuvers) and the worst-case EOL scenario (no EOL maneuvers.)
  4. The DAS logs indicate all calculations were performed using 2021 as the start date, including the timeframe after the initial 18-month checkout period when the spacecraft raises its orbit to 650km. Please redo any calculations that used an incorrect start date, including the period after the 18-month checkout period and once the spacecraft is no longer performing station-keeping.

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 September 1, 2020 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.