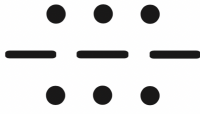


SPACE AI Inc.

Information Requested

The FCC's International Bureau/Satellite Division has more questions:

1. On page 35 of the ODAR, the solar panels are modeled as a single object. Looking at the picture of the spacecraft, as well as the deployment description, it appears that there are 5 separate solar panels, of 3 unique sizes. If this is correct, the modeling will need to be redone to reflect this and an updated demisability calculation will need to be run and reported. If this is not the case, please provide further explanation regarding the physical layout of the solar panels as they are affixed to the spacecraft body.
2. Please provide the value reported by DAS as the casualty risk.
3. Please indicate the steps taken to design the spacecraft for demise, including consideration of alternative materials/components for those predicted during the design phase to survive re-entry.



Responses

- 1. Modeling was redone to consider the 5 solar panels instead to one, the ODAR document was updated.**
- 2. The value was added on the ODAR Document in the corresponding section.**
- 3. Below is the response:**

The construction of the satellite has been according to the design phase specifications and no changes on the components have occurred.

The selected satellite subsystems have space flight heritage and for the experimental ones, designed and manufactured for Space AI, none of them have any exotic material composition, which means that standard materials already testing on space has been selected. Table 3 (page 22) on the ODAR document presents a summary of the highest melting point materials used.

In consequence, the modeling has been computed using the actual subsystem's materials and physical characteristics and no alternative materials will be needed.