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To: Doug Young
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Subject: Request for Info - File # 0268-EX-CN-2021

Message:

Regarding the second point in the information request (2. Additionally, is any available method for setting the release of the satellite from ISS so that interaction with the Chinese Space Station is not expected.)

The TARGIT Team's response regarding risk of conjunction with Chinese Space Station:

“TARGIT mission operations will postpone any deployment, tethering, and inflation operations of the subdeployable until the apogee of the TARGIT orbit is below the perigee of the Chinese (Tiangong) space station. This will allow the 18th SPCS to provide accurate tracking information of the TARGIT orbit until any potential conjunction event with the Tiangong space station has passed. The TARGIT project team will work with the 18th SPCS and NASA Trajectory Operations Office (TOPO) to confirm that the orbit conditions have been satisfied and that deployment operations can proceed. The deployment and tethering maneuvers of the subdeployable can only be initiated via ground command, so the timing of these operations can be fully controlled.”

NASA TOPO has also submitted a response to the IB regarding ISS deployments.