

Heliophysics STP Phase A Kickoff Meeting



Sept 5, 2019
Safety & Mission Assurance



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- ❖ Mission Risk Classification is defined as D per NPR 8705.4
 - ❖ GSFC Explorers and Heliophysics Mission Assurance Requirements MAR
 - ❖ Class D MAR Released 09/20/2017
 - ❖ EHPD-RQMT-0003, rev –
 - ❖ Implementation of the MAR will be defined in the Mission Assurance Implementation Plan (MAIP)
 - ❖ A draft MAR Compliance Matrix and MAIP to be developed during Phase A
 - ❖ Finalized MAR Compliance Matrix and MAIP to be submitted for approval 60 days after contract award to begin Phase B
 - ❖ TechDemo Note: Some exceptions are expected – capture exceptions within MAIP and MAR Compliance Matrix
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- ❖ MAIP is to be based on existing practices where compliant to MAR requirements
 - ❖ MAR/MAIP are not imposed during Phase A Study
 - ❖ This is the time to develop the approach to satisfy the MAR
 - ❖ List of expected Deviations to the MAR is required
 - ❖ Deviations can be addressed within the Matrix/MAIP if adequately documented
 - ❖ List of Potential Radioactive materials are required
 - ❖ A well documented MAR Compliance Matrix and MAIP are invaluable
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- ❖ Additional SMA Items/Requirements Related to Rideshare Payloads
 - ❖ NASA'S Mission Specific Evolved Expendable Launch Vehicle Secondary Payload Adapter (ESPA) System Interface Specifications (SIS) for Heliophysics Mission of Opportunity needs to be addressed as part SMA