



2019 Astrophysics Explorers Program Phase A SMEX & MO Kickoff Meeting

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Safety & Mission Assurance (1 of 2)



- 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 and delivered with the concept study report.
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Safety & Mission Assurance (2 of 2)



- MAIP can be based on existing organizational practices if compliant to MAR requirements
 - List of expected deviations to the MAR is required
 - Deviations should be captured in the compliance matrix and can be addressed in the MAIP if adequately documented
 - List of potential radioactive materials are required
 - A well documented MAR Compliance Matrix and MAIP are invaluable
 - Additional SMA Requirements may be levied by the access to space provider (ISS, spacecraft host, rideshare provider, etc.)
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