



TIC meeting 12/11 , 2023 (integration update from the project engineers; collect information for radhard studies) - main findings



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Date 2023-12-19 12:46

Dear Colleagues,

Two different items have been addressed:
a report by the project engineers with updates about the detector integration and short reports from the DSCs about their needs/planning for radiation hardness studies of electronics and materials.
We thank the colleagues for the highly informative engineering report and for the effort in collecting the radhard information.

Main findings:

The detector integration has largely progressed, in particular for what concerns mechanical integration, including routing of cables and services. Power estimations are in progress.
The design of the cooling system is a preliminary phase; it has to be understood if injection of external expertise can be possible and beneficial.

The efforts of the majority of DSCs in presenting needs and planning for radhard studies has been appreciated. There is clearly space for synergistic and coordinate efforts.
Prakhar Garg has kindly agreed to follow this matter in contact with the DSLs.

As usual, if this notes need corrections/integration, please, write me back.
Thank you.

Best greetings, Silvia

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