

Detector 1 FF Working Group: (very) quick update

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Detector 1 Convener's Meeting

May 20th, 2022

Updates

- We presented a detailed outline of the engineering constraints and progress last Friday at the General Meeting.
 - Group did not meet this week, as we are going to meet biweekly for now, unless weekly meetings are needed for timely progress reports.
- We are in contact with the project via Yulia to continue putting the detailed current conceptual design into CAD with the help of an engineer – this is progressing nicely.
- More progress is needed on the vacuum system design is still needed, and there's an engineer tasked with this, but it's going to be slow going.
- Once we have updated details on the B0 magnet, we can begin to look at the spatial constraints for the detectors in the B0 subsystem.
- Current simulation task is to establish necessary precision for machine BPMs, which are needed to help align the Roman Pots and OMD, and also to understand the beam position and tilt with respect to the detectors.
 - I have finished one part of these simulations, and will present first results at the next FF meeting.