HL-LHC TDE Preliminary Design Review



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Welding

Tuesday 11 March 2025 14:20 (30 minutes)

Overview of developments in welding approach and geometries informing proposed TDE design.

- Overview of current welding solution adopted in Run 3 beam spares
- Ti Gr 5 o Electron beam welding specification, joint geometry and parameter development o Qualification welding results o Production process for HL dumps o Other welding options
- 318LN requirements and process developments

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