

Cryogenics

Tuesday, 26 January 2016 09:30 (30 minutes)

<P>The first part of the presentation summarizes the cryogenic performance and availability for 2015 and the expected performance for 2016 after completion of the YETS activities. The cryogenic configuration used in 2015, observed issues and proposed improvements will be detailed. The second part of the presentation will focus on cryogenic power studies (design, installed, available) in order to optimize the cryogenic refrigeration capacity needed to extract higher thermal load on beam screens than initially designed. Finally, we will briefly discuss a number of tests and monitoring proposal to investigate the origin of the unexplained movements of the triplet ITR8.</P>

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Session Classification: Sessions 3 & 4: LHC Hardware Performance

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