

Baseline Machine Parameters and Configuration for 2015

Tuesday, September 23, 2014 9:40 AM (20 minutes)

This presentation shows the baseline machine parameters for the 2015 start-up, with focus on collimation and the reach in beta. *Since many machine systems have been upgraded during LS1, and the LHC will operate at a higher energy than before and with a tighter filling scheme, the commissioning phase risks to be less smooth than in 2012. Therefore, the proposed starting configuration of the LHC puts the focus on feasibility rather than peak performance and allows comfortable margins for operational uncertainties. Instead, once beam experience and a better machine knowledge has been obtained, a push in beta and performance can be envisaged.*

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