

Beam Based Systems and Control: 2012 performance and 2014 outlook (implications of 6.5 TeV, 25ns, higher total intensity)

“What we want”

D.Jacquet

Abstract

This presentation will give a review from the operations team of the performance and issues of the beam based systems, namely RF, ADT, beam instrumentation, controls and injection systems. For each of these systems, statistics on performance and availability will be presented with the main issues encountered in 2012. The possible improvements for operational efficiency and safety will be discussed, with an attempt to answer the question "Are we ready for the new challenges brought by the 25ns beam and increased energy after LS1? ".