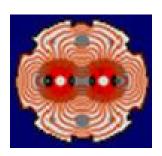
Workshop Chamonix XIV



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Hardware Commissioning

Wednesday 19 January 2005 16:05 (30 minutes)

Following the uncertainty of the installation schedule, the HCWG

focussed on the

commissioning of two sectors around an even point in parallel augmented by a number

of additional constraints. This exercise, which was published as a

Management

Report, yielded commissioning times and resource needs which can be scaled –within

reasonable limits- to the requirements of the final installation schedule.

Both the durations of the different phases and the personnel required have been

estimated in the light of previous experience at the String and during Hera

commissioning.

The current trend of reducing the time available for hardware commissioning cannot

continue indefinitely. The hard limit is reached when the time taken by the test

procedures and by the result interpretation cannot be further shortened but also

when additional resources to obtain shorter times cannot be added. The talk will describe how the evaluation exercise was conducted, focus on the test

procedures, quality assurance and decision making process, propose alternative $\,$

strategies for deploying additional manpower and finally emphasize the need for

first-rate service from the infrastructures and software applications.

Primary author: SABAN, Roberto (CERN)

Presenter: SABAN, Roberto (CERN)

Session Classification: Session 6 - Effects of the compressed Schedule on the Installation

Track Classification: Effect of the compressed Schedule on the Installation