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LHC INSTALLATION PLANNING

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The LHC Installation planning was originally articulated with 4 main successive phases: the installation of the general services, the installation of the cryogenic line (QRL), the installation of the machine elements and the hardware commissioning. While the installation of the general services is now almost finished - see presentation by K. Foraz and S. Grillot -, several problems and delays with the QRL made it unavoidable to revise the installation strategy and to schedule a number of tasks in parallel. A new compressed installation planning has been issued, that fulfils the strategic objectives and allows starting new activities with minimal delays in sectors 7-8 and 8-1. However, the shortcuts that are introduced increase the level of risk that we will have to face and the coordination of such a large and complex variety of simultaneous activities makes the project even more challenging. The document will describe how the input from the different equipment groups is taken into account by the master schedule planning team with respect to equipment availability and production as well as logistics and safety issues in the tunnel.

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