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LHC Equipment Maintenance Policy and Requirements.

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In view of the very complex equipment making up the LHC machine and its many ancillary subsystems, equipment maintenance policies will play a primordial role to ensure an optimal availability. As access to most of the machine systems is strictly regulated, maintenance interventions will require global co-ordination and collaboration from both CERN equipment groups and industrial support teams.

The talk will briefly touch on the different main systems and technical infrastructure involved and what is presently known about their operations and maintenance policy. Further extensions to the LHC QAP on the operations and maintenance phase will be mentioned. Issues like mean-time to repair, spares and contractual piquet service will become of major importance already in the installation phase. A rapid introduction and some examples from CERN's asset tracking and maintenance system (MP5) will show what support can be expected from an industrial approach to maintenance issues."

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