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What are today's issues in the production of the Main Bends and Quads ?

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The LHC main magnet production is well beyond half way and today the end by September 2006 is in view. Warm and cold test assures us that the LHC nominal targets are well at hand, while final assessment for the ultimate performance needs a further year of cold testing. The dipoles quench level, which is recovering toward the extremely good performance of the beginning of the pre-series, after a certain weakening in the productions of the 2nd and 3rd octants, will be discussed in view of the commissioning parameters. The action taken at the manufacturers in order to improve as much as possible production quality and robustness (see for example recent electrical problems in the SSS) in this last period of production will be reported. Repair vs. replacement strategies will be reviewed, on the base of the decision on spares taken in 2004 and in view of realistic assumptions on human and financial resources available in the concerned departments, in order to derive what and when possible actions must be triggered to optimize interventions, during commissioning and operation.

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