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Ramping & Snapback

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The procedure for ramping the LHC is clearly defined with particular attention to power converters, RF and controls. The necessary pre-testing of all systems is detailed. Snapback will pose a challenge and the strategy for dealing with it during initial beam commissioning is revisited. Measurements and system commissioning to be performed during the ramp commissioning phase are detailed. The demands on key subsystems such as feedback, RMS and instrumentation are stated.

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