

Post LS1 Operational Envelope & MPS implications

Post LS1 operation will face multiple problems due to the high energy and intensity of the beams. Some machine parameters can be reviewed in light of the last 3 years operational experience and the operational scenarios adopted. The different levels of the setup beam flag can be re-discussed as well as the safe stable beam flag, which would be in the present configuration incompatible with beta star leveling. The management of the critical settings is also to be discussed to improve quality and flexibility for non-standard operational configurations and machine developments.