



rMPP comments on MDs

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Comments and Questions to MD Procedures

- **MD10703: Ions BB limit varying the crossing angles**
 - Specify required validation (loss maps, ...)
 - Need for using more than 119 bunches (first ramp-up step)
- **MD14364: RF flat bottom optimization for ion debunching**
 - Clarify batch-by-batch blow-up and required migration of FESA class. Do we need any validation afterwards?
- **MD14363: Off-Momentum Beam Loss Patterns with Ions**
 - Clarify if MD will only be performed at injection energy
- **MD14343: Schottky-based diagnostics with ion beam**
 - Clarify intensity limit for wire scanners
- **MD14326: Optimization of machine-induced backgrounds at ALICE**
 - Provide more detailed MD procedure including collimator settings

Comments and Questions to MD Procedures

- **MD14324: LHC cycle with high-intensity Pb ion beams from injectors**
 - Specify beam types to be used during the MD
 - Clarify required orbit checks/validations
 - Verify possible implication for beam-induced heating with experts