LHC injection and extraction MP status

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Injection

- ## RBAC protection
  - ABT devices are being updated, needs manual change to each.
- ## Ring BLM
  - At injection, the most losses are observed at the primaries in IR7
  - Injection BLMs not limiting the injection
  - Blindable BLMs not setup and ring BLMs threshold not changed

Extraction

- Missing BLM data
  - Sporadic missing data (last on June 19th 23:19 for SR2.L_B2 and SR6.R_B2)
- Dump behaviour
  - Followed by STI (Rui Franqueira Ximenes)
  - highest so far on For B2 (UD62) @ 2022-06-28T04_09_02+00_00 (~1.9E14)
  - All parameters OK
- Interlock BPMs
  - Completed here, with one surprising offset followed by BI here
- Remaining
  - BTV interlocking threshold with intensity, will be done when intensity increases
  - XPOC thresholds (BLMs in particular)
  - BCT module in XPOC
  - Abort gap monitoring & cleaning validation.
    - .   Done at injection, will need higher intensities for flat-top validation
- Planned
  - Direct BLM, possibly sometime next week
- Nothing critical for collisions of nominals and short trains at flat-top

Thank you