SPS status

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SPS overview

- Good availability over last week
  - Some issues with BETS on Monday
  - Lower duty cycle on Tuesday due to SFTION setting-up and reference measurements
SPS overview

- **Status of North Area beam**
  - Good performance of 50 Hz correction
  - Intensity on T6 back
Incoming

• 4 hours QS V loop tuning
  – Part of the effort of reducing the 50 Hz (and higher harmonics) ripple on the quadrupoles
  – Requires machine closed (i.e. no access) but no beam → best moment to be defined (ideally a period without beam from pre-injectors)

• Setting up of long LHC ion filling cycle
  – Will start tomorrow → reduced duty cycle for NA

• LHC is performing high beta run at 450 GeV
  – Requires frequent but short injections for the next days (expect filling every ~2-3 hours)