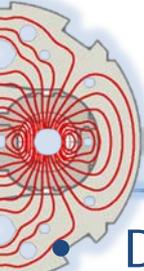


- QPS problem located on the nQPS crate B12.R7 where 2 cards were exchanged. Problem with one of the two cards changed yesterday-solved by changing again the card
- Other QPS problem located in RSF2.A78B2 switch B
- Problems in QPS controlling switches - Machine mode passes to operational when in access mode. At 8:57 -server restarted-, info was dispatched by RBAC to all equipments. Missing rules in the QPS RBAC rule allowing experts in CCC to access their system.
- Patrol box in PM85 dropped - Patrol done - Patrol box dropped again - Being fixed: one access pad blocked - Patrol done.
- Ventilation door is locked closed in PM65 - fixing in progress-
- Other access in the morning:
  - PO to fix the problem in RCO.A81B1 : the converter was still condemned
  - BCT in beam dump line
- Regeneration of the function for Q4.LR3, Q5.LR3 and Q4.LR7, Q5.LR7 in order to bring their current to injection energy (~35 A) instead of leaving them at 20 A until injection request is sent. Precycle done. All fine -Finished at 35 A.

- 17:00 - ? Recovered
  - 17:00 - 19:00 : Pre-cycle for sectors 45 - 56- 67 - 78 - 81 and BIC, Dumped beam event problem investigation
  - 19:00 - 21:00 : re-establish beam in the LHC
  - 21:00 - evening: Systematic beam 2 and beam 1 measurements and corrections
  - Over night : Beta beat measurements
  - Introduce RBAC - Postponed to tomorrow morning
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- Damper is OFF (power-wise)
  - Inject one beam: B2
    - Orbit - establish “good” orbit
    - Correct tunes to nominal
    - Measure and correct coupling
    - Measure and correct chromaticity (save spectra for each frequency offset)
    - Measure dispersion
    - Check phase beating
    - Take reference for the hump (save spectrum)
  - Inject second beam: B1
    - Orbit - establish “good” orbit
    - Correct tunes to nominal
    - Measure and correct coupling
    - Measure and correct chromaticity (save spectra for each frequency offset)
    - Measure dispersion
    - Check phase beating
    - Take reference for the hump (save spectrum)
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