

# SA2-XTD6 Tech. Commissioning (T-C) status 29.6.2018 KW26

- Add target definition needed if XTD6 stay open till end-Sept
  - Target-2: Until SDL beam transport pipe mounted ,T-C individual HED components , when transport pipe installed there will be a need to define a Target-4 equiv. to Target-3
  - Target-3: XTD1-XTD6-MID all components ready for beam by mid-Sept
- Aimed for loop operation schedule
  - KW27: Patch MID loop for MID components
  - KW28+ Patch HED loop for HED components (+ because we concentrate on Target-3)
- KW26
  - Remaining gap in XTD1-XTD6-MID vacuum line (M2+MCP) should close today.
  - XPD imager components in XTD6 are T-D'd (DAQ tests still needed)
  - DPS vacuum section around XGM in XTD6 is Beckhoff tested (1 valve and 1 cable need changes)
  - XRO SA2\_XTD6\_MIRR-1, MIRR-2 and MIRR-3: should finish T-C'ing today
- Outlook (KW27)
  - short week as Mon., Wed. and Thur. have limited access scheduled
  - Continue T-C'ing SA2\_XTD6\_MCP
  - Patch MID loop and T-C MID\_XTD6\_CRL and possibly MID\_XTD6\_ATT
  - SA2 (and SA1): Upgrade Karabo 2.2.3 to 2.2.4. SA3 was upgraded yesterday

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- Expected component T-C tickoff order (green = done, yellow = in progress)
  - For Target-3
    - XPD imagers (IMGPII45-1 & IMGPII45-2, MID\_XTD6\_IMGPI, HED\_XTD6\_IMGPI)
    - XPD SA2\_XTD6\_MCP
    - XRO mirrors (SA2\_XTD6\_MIRR-1, MIRR-2, MIRR-3)
    - XRO Collimator, absorber, shutters... inputs to EPS
  - For Target-3 (concentrate effort on this stage starting next week)
    - MID\_XTD6\_CRL
    - MID\_XTD6\_ATT
    - XRO PBLMs (SA2\_XTD6\_PBLM-1, PBLM-2, MID\_XTD6\_PBLM, HED\_XTD6\_PBLM)
    - MID\_XTD6\_PSLIT-1 and MID\_XTD6\_PSLIT-2
    - MID\_XTD6\_BMPI-1 and MID\_XTD6\_BMPI-2
  - For Target-2
    - HED\_XTD6\_CRL
    - HED\_XTD6\_PPU
    - HED\_XTD6\_HRMONO
    - HED\_XTD6\_SDLBM-1 and HED\_XTD6\_SDLBM-2
- Interlock tests: VAC, EPS-MPS, XGM... at end of shutdown