

SA2-XTD6 Tech. Commissioning (T-C) status 13.9.2018 KW37

- A reminder of our targets

- Target-MID: XTD1-XTD6-MID all components ready for beam to Optics hutch by end-Sept
- Target-HED: SDL bypass transport pipe mounted and vacuum line operating, T-C those HED components which are ready, beam to shutter by end-Sept

- KW37's work

- Continued T-C of MID_XTD6_BMPI-1 & -2 imagers – small number of issues remain open
- MID group working on ticking off (verifying operability of) components
- Vacuum: closing HED's vacuum line:
 - Replaced bellows around HED_XTD6_CRL and connected to vacuum line
- AE commissioned SA2 PLC HED
- Started T-C of HED_XTD6_CRL
- Finalized planning of HED_XTD6_HMONO chamber installation
- Organized with DESY alignment of HED_XTD6_HMONO & SA2_XTD6_MCP

- Potential problems mentioned last week have been resolved

- HED_XTD6_HMONO and SA2_XTD6_M3 installation – no resource contention exists
- TÜV tests in the MID hutch – not affected by HED beam pipe state

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- Remaining 'newly' scheduled events until XTD6 closes (4.10.2018)
 - 18th – align and grout HED_XTD6_HMONO plate
 - 18th – align SA2_XTD6_MCP
 - 20th – 26th install SA2_XTD6_M3 mirror
 - 24th – 28th install HMONO chamber
 - 1st – 4th Interlock and MPS tests
- Conclusion:
 - Target-MID essentially done, outstanding work:
 - BMPI -1 & 2 T-C completion
 - MID component operability tick off
 - SA2_XTD6_PBLM-1, 2 and MID_XTD6_PBLM operability tick off
 - Target-HED
 - Install M3
 - HED_XTD6_HMONO install, connect & leak test
 - HED_XTD6_PBLM T-C & operability tick off
 - T-C as many HED components as possible according to their priority list
 - Close the vacuum line (finish installation: SDL bypass, SDLBMs..., pump down & leak tests)