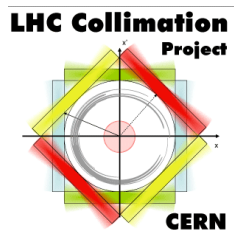


LRBB - readiness of hardware and installation

A. Rossi on behalf of (alphabetical):

BE-ABP, BE-BI, BE-OP, EN-MME, EN-ACE, EN-STI, TE-EPC, TE-VSC

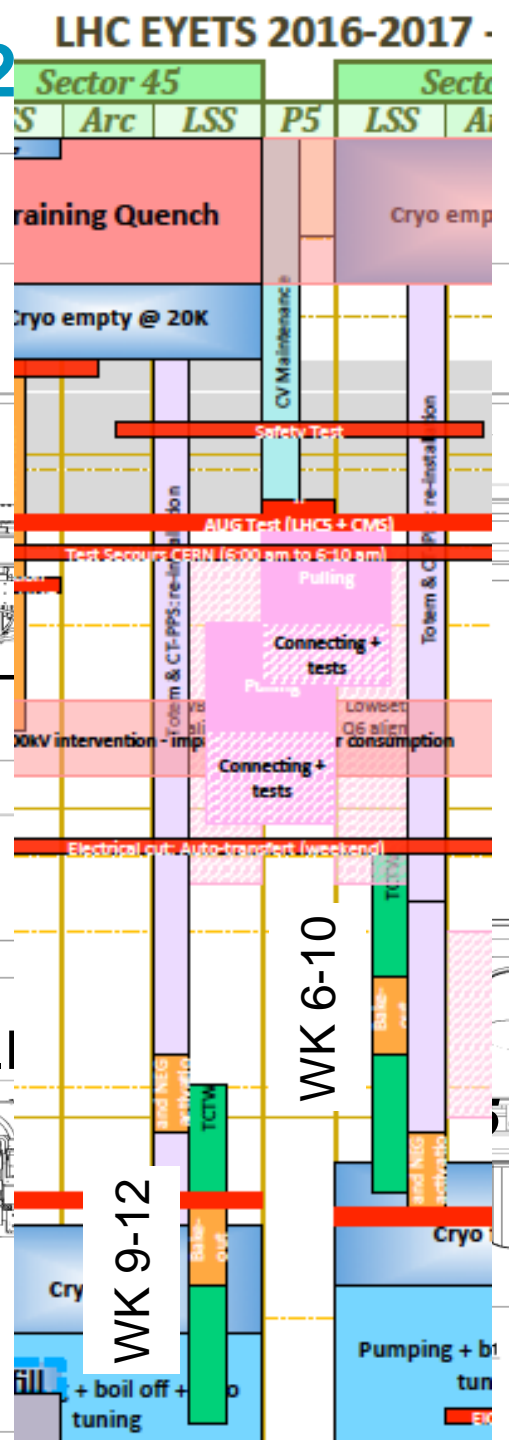
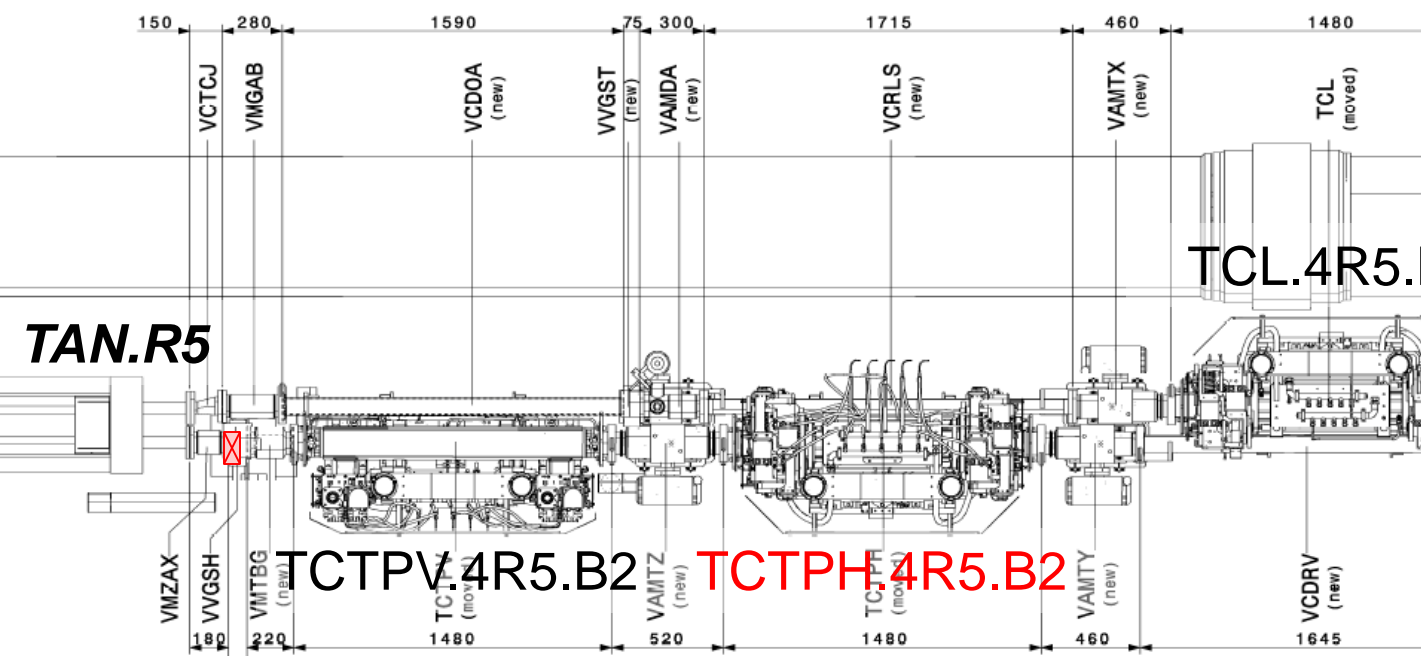
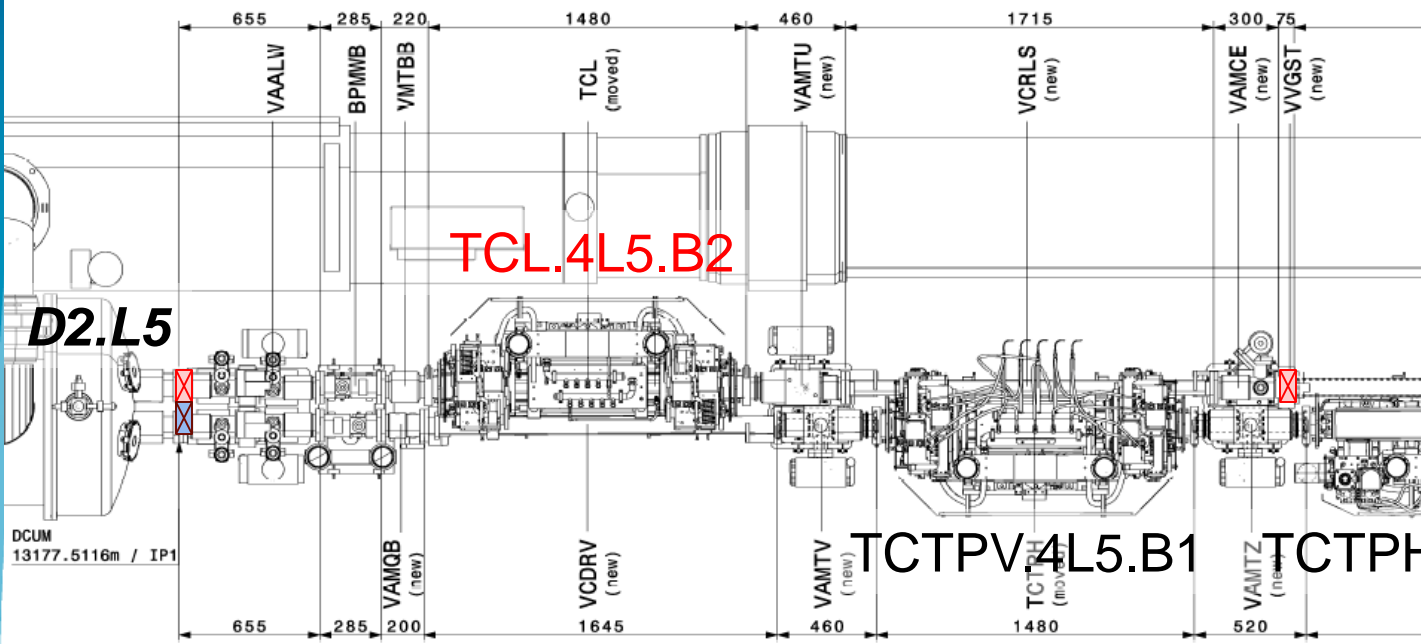


- TCTPH.4R5.B2:
 - Collimator installed, aligned, pumped, baked out
 - Wire connection on-going on tunnel side, local tests
 - PC power module is missing
 - Acquisition box ready to be installed to test WIC

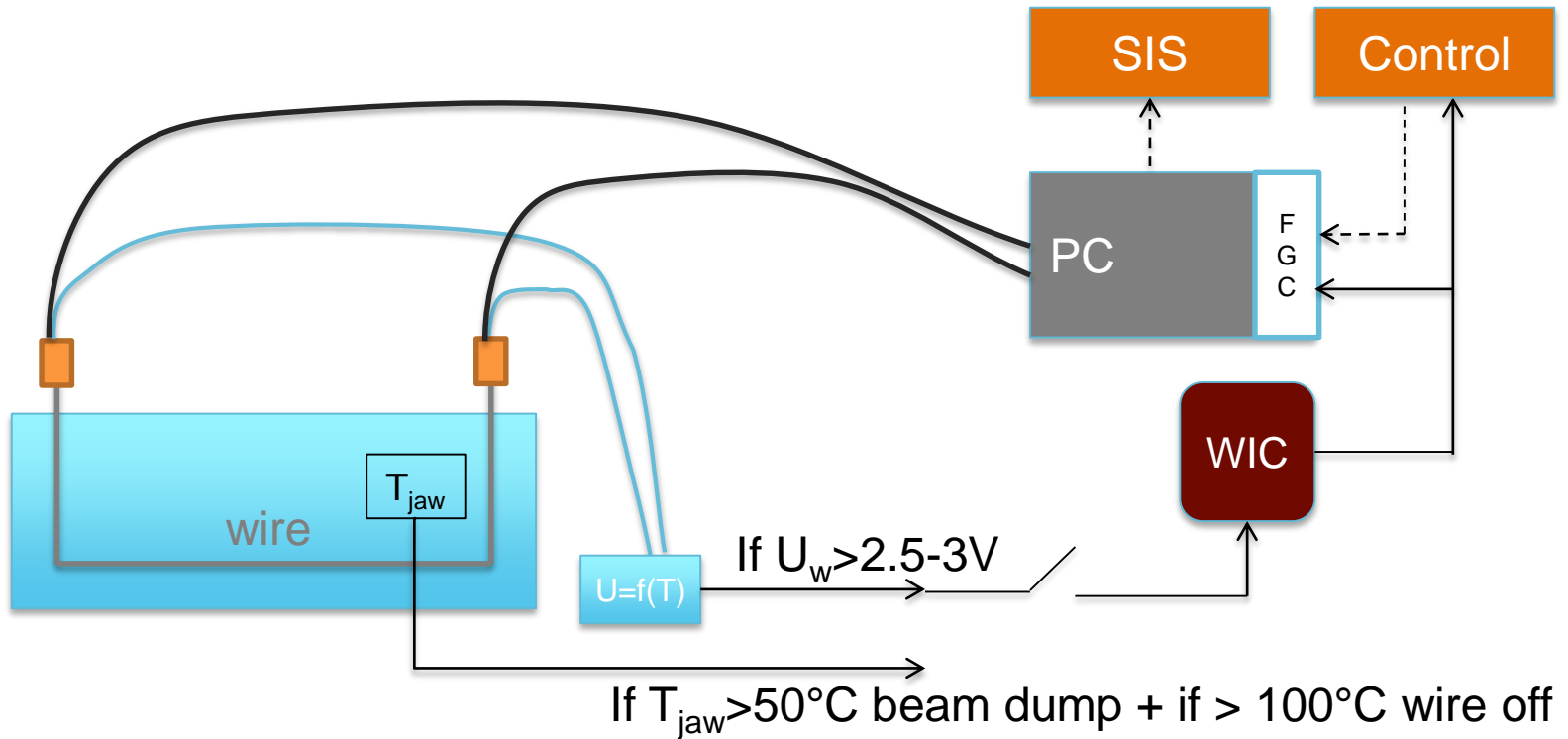
Wire tests foreseen (~mid march)

- both inner+outer wires up to 350A
- effect of current on LVDTs (inner wire) // wire tension recalibration
- TCL.4L5.B2
 - Collimator installed, aligned, sector pumped next week, end of bake-out in 2 weeks' time

Zone between TAN and D2



Wire protection and interlocks



- PC hardware initially limited to 300A
- If $U_w > 2.5-3V$ T_{max} wire 200-300°C \longrightarrow PC off via WIC
- If $T_{\text{jaw}} > 50^\circ\text{C}$ \longrightarrow beam dump + if $> 100^\circ\text{C}$ wire switched off
- If wire on accidentally during standard LHC ops \longrightarrow wire switched off