Notes from meetings
- From LS2C new baseline will be presented mid September, need to communicate all changes by end of this week. MKI cool installation date is March. Baseline was end January, slipped to March. Still OK, will start in clean room next week.
- BE/CO maintenance announced, ABT impact to check (known about, should be stable from start Jan 2020). Etienne to check.
- From LMC presentation for the MKD erosion well appreciated, strategy endorsed.

Matters arising
- CB checking with EN/EL to make sure no issues for ABT.
- Equipment tests, for other machines need to check this.
- SE/KSC vacuum approach, topic for end of year reflection, now list exists with Lucie.
- EN/ACE to be contacted for lifecycle waivers (Bren to organise a meeting in Sept.). Also to include SE.
- RCOND for MKP: should be possible for end of the year but need specs – Mike B./Nicolas
- MKD planning for works, tests, etc. to be defined. Action Laurent, Viliam and Francesco to finalise technical question, and update the planning.
- Still some issues on PTC in Jura 1 for the MKDV, question about blocking diodes - need to sort this out quickly and converge. Laurent and Viliam. Status in TCM in 1 week (Viliam + Laurent + ...).
- Bakeout rack smoke, preventive maintenance of other similar equipment to be made.

TPSC4 controls
- Controls mods needed to compensate for the mechanical differences between the TPS15 and TPSC4, where the movement direction is different of the position gauge.
- Also incorrect response when exceeding maximum angle.
- Cannot work with same SW due to this inversion.
- SW solutions are possible - either with 2 separate SW versions, or single solution with a 'jumper' or similar to identify the system, or automatic detection after calibration process.
- Needs some changes to the procedure to protect against the max angle, or to look at the absolute delta, or invert the wires.
- Agreed to investigate if the TPS15 can be mechanically adapted to make them identical (Mike H and Steven), if this is not feasible or too expensive we agree with the proposed SW fix.

CT/MTE reconfiguration
- Works well under way, plan item 10743 mainly to be done.
- CCR released, controls mods still ongoing (wrong budget code, TIDs generated to transfer). Some activities on hold.
- Of 107 kCHF allocated in 2019/2020 will spend 70 kCHF, can possibly give 30 kCHF back, will review next year to finalise the exact amount.
Deliverables

#12 BE.KFA14L1 extraction kicker upgraded  Laurent
KFA14 tank work is ongoing at the AP.

#13 BT.KFA10 recombination kicker upgraded  Laurent
KF10 still pulsing, first 2 magnets finished, should be done in 2 weeks. Installation 16/9.

#17 PI.SMH42 and PI.BSW42 new injection septum and bumper  Mike H.
SMH42 magnets assembled (not yet in tanks) and being measured with EPC PC.

#19 PI.KFA45 - Provide Electronics & Controls for KFA45 (5th generator)  Steven
KFA45 5th generator, controls cabling in b365 completed, ABT now starting to install, can move to RFI (Francesco).

#18 PI.KFA45 injection kicker magnet and PFN upgraded  Thomas
New trigger system with delay coil, suppressing the Faraday cage. Used old design. See issues in test cage with degradation of the cable jacket. New material from supplier due to fire compliance. Need to source new cable which will work, expected not to be very expensive. Would need to unwind and rewind the existing coils. Looking also at molding, as well as new cables. Long down time of test cage, since 4/8, but just before have found a much larger ripple than expected. Investigating, with ideas to work on it being looked at. Crucial to get the needed measurements, without and with the magnet. Time in the planning exists for this investigation. Thomas confirms that we will be able to pulse the system at 80 kV in 867, for full validation - now foreseen for September - planning to be updated with new milestones. Also new request for IPOC system, which needs to be formalised and then budgeted. Add to TCM as proposal (Alvaro/Etienne).
Not clear if the vacuum tank leak is fixed.

ABTEF agenda
- Need to check if still OK for MKDV switch summary (Laurent).

AOB
- Local consoles have passwords - 51 control panels, with 45 users, with different levels of roles. Would cost 25 kCHF to make remote. Proposal for two generic sets of passwords with 3 levels, plus admin. Then SLs to manage the passwords and their distribution.
- MKP 2 module prototype, main changes are impedance shielding connections and ceramic plate.
- Status given, ready for some drawings to be approved.
- Initial budget was 141 kCHF, missing 10 kCHF for new end plates, radioactive, need to check if even possible (Remy). Still need 120 kCHF to complete this work, 13.5 kCHF. Missing 117 kCHF. Need to check why we have run out, Thomas, Laurent, Luis.

Next meeting
- Meetings
- Matters arising
- SPS deliverables
- MKDV performance analysis – status - Viliam
- MKP budget - Laurent/Thomas/Luis
- IPOC systems for KFA45? – Thomas/Etienne
- AOB
- ABTEF.