News from meetings
- Actions from LS2C on 21/2, Ch. Boucly checking list for PSB consignations.
- LS2C IST checks for ABT shown by Anna-Paula, next time send around before the meeting (all).
- Main magnet new works on electrical protection has impact on BSW, being analysed by machine.
- IWG accepted the MKP-L serigraphy, longitudinal and transverse.

Matters arising
- New PSB morning meeting working.
- Agreed on Viliam for LMC and Tobias for IEFC spares presentation.
- ABT spare cables for longitudinal BLMs, have been offered to BI but with remark that we might need it back.
- Agreed to keep MS Project licenses for ABT using sharepoint (all individuals concerned).
- Full sinus test for SMH42, not clear from EPC, will meet end of this week (Jan).
- Key dates in CT planning (Luis). Also disconnection of BFA9S still tbd (Thomas).
- Use of Salim for PUMA assembly if agree? (Jan).
- 2nd control for SMH42 ongoing, from exploitation budget.
- KFA20 tank does not need RGA before we install the magnet, so we go ahead.
- Check with P. Cruickshank about which VAC spec to use (Bren).
- Arrange discussion C. Carli on ELENA kicker spare (Wim, Bren)

SMH42
- 42.2 in VSC acceptance tests, by end of next week.
- Spare septum built, bumper ongoing, magnetic measurements next, then into vac tank.
- Still on track timewise for the magnet destined for installation.

MKPL
- MKPL see staining again on the plates, traced to cooling liquid when machining the plates.
  RGA ongoing. Already at 90% of planned spending.
- Still on track for the overall planning, meeting every 2 weeks now.

MKLcool
- Bakeout finished, no issues, 5e-11 final vacuum.
- RGA showed higher peaks on O2 and H20 (x10 previous values), but not a concern at the moment for VSC.
- Now conditioning, 1 breakdown at 48 kV (stuck at 46 last time).
- Gained a few weeks in the planning.

In-situ 'warm' spares
- All have 'cold' spares for the controls, which can be changed independently.
- Hydraulics is common to system not per generator (i.e. hydraulics has to be fixed).
- Two cases, with or without spare control to switch.
- A number of open points, including lack of compatibility of spares for all operational positions.
- Need to decide what to include in the HWC and tests in the BA, including risk analyses.
- Medium term strategy needed for MTE.
- Agreed to look in detail of KFA4/13-21, with analysis. Questions: fault history, operational impact, safety issues, 867 test cage, time/feasibility/resources to switch, IST/HWC tests, gain if changed to cold spare, ideal case.... (Alvaro with controls responsibles PvT?). In 4 weeks)...add to agenda for 23/3, either TCM (GLO) or Commissioning meeting.

**Deliverables**

**#12** BE.KFA14L1 extraction kicker upgraded  
Laurent  
KFA14L1, tank here being prepared for VSC tests. Agreed with IWG to study the addition of the mesh but not to implement now.

**#18** PI.KFA45 injection kicker magnet and PFN upgraded  
Thomas  
KFA45, magnet installed in tunnel and aligned, waiting for connection, GLO to move this item to RFI (Lucie), congratulations to the team for getting to this point. New requests coming for control on IPAC and load balancing...in progress to look at feasibility.

**#21** SP.MKD-Dump kicker HV systems relocated to LSS5  
Vasco  
MKD systems, all in progress.

**#24** SP.MKDV additional dump kicker PFN & switches construction  
Laurent  
MKDV switch and PFN, in progress.

**#28** SP.ZS septum ion-trap system upgraded  
Roger  
ZS ion trap system, HW production complete, working on LSS2 decabling, move to RFI (Lucie).

**#29** SP.MKP injection kicker spare magnet refurbished  
Vasco  
Spare MKP, waiting a few parts to start the assembly, ferrites in thermal treatment.

**#32** SP.ZS septum upgraded and new interconnects installed  
Bruno  
ZS upgrade, 1 more remains to be conditioned, just in time, installation order defined.

**AOB**

- TPS15 displacement again found in the wrong direction, problem with phase distribution between machine and 867. Has happened before. Now will ask EN/EL to sort this out. Procedure to protect the equipment actually worked correctly.
- KFA10 measurement with and without saturated ferrites confirmed shifting of resonances and does not influence the risetime.
- BI.DIS fire detection system; direct connection of alarm is now requested. Implications are new cabling, Done, but how to implement needs to be checked (Etienne).

**ABTEF**

R.A.S.
Next meeting
- News from other meetings
- Matters arising from last TCM
- Urgent items update (SMH42, MKPL, MKIcool)
- PSB tune kicker (Thomas / Alvaro)
- Deliverables CONS
- ABTEF
- AOB