

Startup Status

- Brief survey of all systems. There is about one week left before close-up (Most likely open until 5/21 Morning)
- Priority for this week is
 - Complete survey
 - Installation of TOFW panel#6
 - Refilling of RICH
 - Final fine-tune of TPC Gating Grid.

TPC

- TPC
 - Extensive studies and Checks of Gating Grid and pulser has taken place; acceptable operational levels of pedestals has been achieved. T2 was further fine-tuned with additional grounding. The other T1,MTP1, and MTP2 will be reviewed one more time.
 - The Cabling is documented on web page.
 - All 4 TPC on platform.
 - To be done
 - Pedestal program update- interface to Database.
 - Monitoring program (basic performance, ADC vs Heights, residuals (tracking),
 - HV setup (brahvo files)
 - Reconfiguration of TPM2 pad layout.

TPC monitoring

- Drift velocity monitors
 - Ready for use.
 - Needs work in regard to triggering, data streams.
- Calibration DC
 - The MRS has been removed. Could not be brought operational.
 - Continue working on alternatives. 2*2mm fibers has come in.

Global

- BBC
 - Have been rolled in place and surveyed.
 - Check out of discriminators to be done (some have dried out filter capacitor)
 - Need checkout for D1 field at highest setting.
 - Pulser checkout + self trigger run for final checkout.
 - Check documentation and HV settings.

Global

- Multiplicity array has been rolled in and clear beampipe by about 5 mm from Si-wafers.
- Checkout in progress
- Tiles had calibration runs last week with Cosmic ray to determined HV settings. Measurements done to lower gains about 30%.
- Some paddle cards/connectors causes intermittent bad pedestals.

ZDC

- New cables installed.
- Finalize voltage setting for cosmic checkout and 100 GeV running.
- Needs one final checkout.
- Is a survey needed?

DC

- Some mix up in cables/readout according to ZB.
- Awaiting report on status
- Need Voltage Settings. Part of Operational procedure book
- Survey!!

H1,H2

- H1, disc levels set to 100 mV
- Same settings will be done for H2.
- Check/Update HV setting files
- Review Online monitoring programs.

Cherenkov's

- RICH
 - Believe no condensation occurred, but rather slow leak reducing the amount done to 1 atm.
 - Index of refraction was measured to $(n-1)=1580$
 - Refilling process in progress , should be complete by Wednesday.
 - Checkout of system to be done
- C1
 - Checkout to be done; HV + led runs.
 - Movement of C1 onto rails should be checked.

Survey

- Started Thursday
- Beam pipe into proper place
- BB,MULT surveyed
- MRS TPC's moved, aligned and surveyed.
- FFS T1,T2,H1 and C1 to be done
- Important to do BFS particular DC's
 - Survey markers, access to those (plate removed)
- Should be completed Monday/Tuesday

TOFW

- Panel 5 in place
- Calibration slats behind first 4 slats
- Add new slats to readout+HV setup
- All discriminators are now P710 on floor.
- Checkout of all slats.
- Awaiting installation of panel 6 (in production). Priority for this week.

Trigger

- Removed all temporary modules, cables
- Changed setup for trigger input, particular in regard to pulser.
- Working with KO to get this software controllable. Hardware in place.
- Need some additional checkout, cleanup and labeling.
- Sufficient space in NIM bins for additional triggers as Centrality, Vertex cut and Spectrometer trigger

Slow Control

- HV Brahvo has problems with Root 3.00.06.
- It is ok for L4032 and 1450. Should be used exclusive from now on
- Segmentation faults for 1458. Hope CE can resurrect this.
- The trip control stuff partly developed by Truls should also be included.

Monitor Software

An effort must be made to ensure

1. Existing Monitor+ Ntuple works.
2. Review histograms used for summary
3. Review SuperMon histograms for all
4. Add much needed new monitors for
 - TPC performance
 - DC performance
 - Beam, scalers, collisions rates
 - Initial tracking (and PID?)