Dry-Run 2020

Weekly report (09 Nov. - 13. Nov)

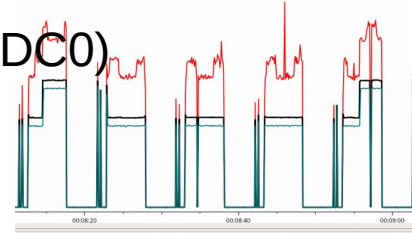Carlos Azevedo

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Monday (9 Nov.)

- Remote shifter (Genki) with difficulties to get MurphyTV → Problem solved by using Ubuntu virtualbox in mac.

- Several issues with pccoczm when using KDE (Black screen) → Reboot in the end of the day solved the problem

- DCS not logging with ScadaID but usable with the usual logins

- Gems APV LV ON. Problems with some srcIDs

- DAQ continuous crashes were logged.

- MurphyTV out-of-sync with long SPS cycles but not with the artificial spill structure
- DCs(0-1) added to FE (256,257,258)

Tuesday (10 Nov.)

- Triloki could not join the remote shift: he cannot access pccoczm (via x2go or later discovered neither via ssh)
  - Investigation ongoing

- DCS is now working again with ScadaID

- Problems in DC5 (971) and Galdalf(800,801) where logged and cured with the regular load command

- An "issue" on DAQ was identified: Automatically stopping the run in case of SPS signal lost

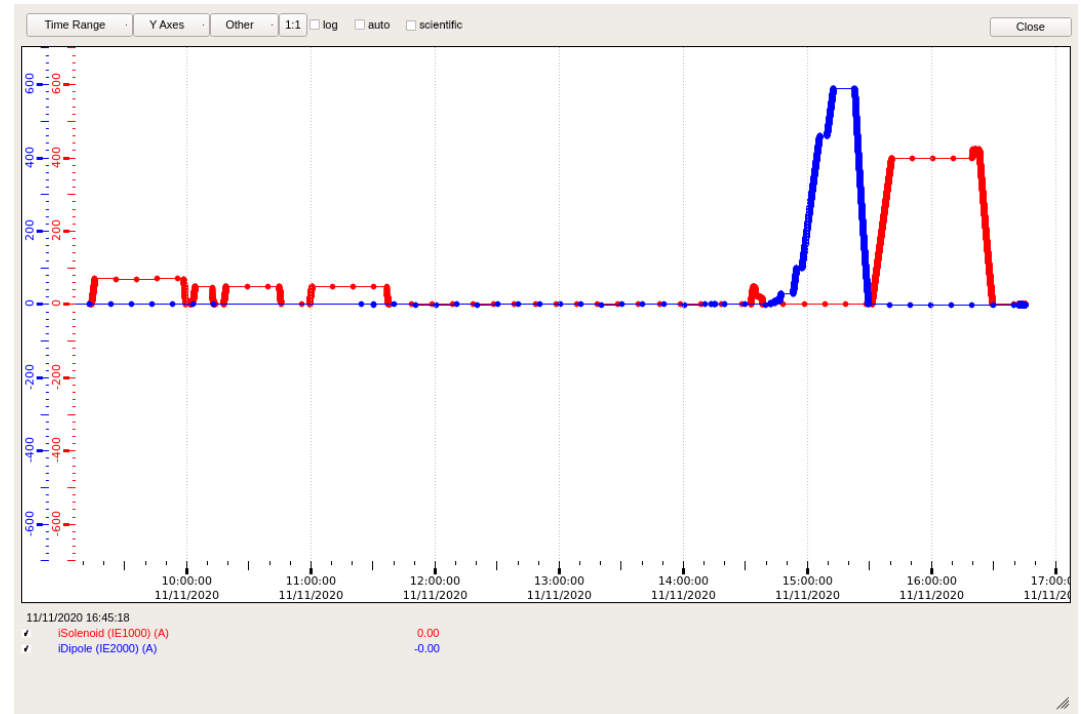- Intense work in GEMs by DE with already some of them included.

<u>Wednesday (11 Nov.)</u>

- Takahiro (remote shifter) with the same problem as Triloki. Cannot access pccoczm.
  - Investigation on going
- Spikes in the event size browser where observed and source found (DC0)

- Moritz fixed the COOOL plots
  - Although the events reading must be suspended before creating the shift plots

- Logbook entries are not saved if the shift is not created

- MurphyTV issues (does not receive any events after the run is started)
  - Investigation ongoing

- Spill numbers jumping from 50 to 1 creating errors in muxLinkStatus but DAQ continuous to run

- PT magnets safety system commissioned

Wednesday (11 Nov.)

- PT magnets testing currents

<u>Thursday (12 Nov.)</u>

- Activities to include GEMs and RICH, several sourceIDs went successful
  - Work still ongoing

- MurphyTv issue solved
  - Tobe monitorized carefully during next days

- Several bugs in DAQ clean. Should be more stable now

- GEMs are mostly included
  - except GEM 01-02 that are not mounted in the hall
  - Other small issues in investigation

- RICH is mostly included

- DC00 and DC01 already with lower thresholds

- PT dipole with nominal current
  - Solenoid not totally due to a communication issue