

## Accelerator complex status

### End week 23 (Sunday 8th June 2014)

#### TI (Peter Sollander)

TI summary in the usual place:

<https://wikis/display/TIOP/2014/06/02/TI+summary+week+23,+2014>

Tuesday 3<sup>rd</sup> June: ODH alarm in UJ62. Firemen decide to evacuate from point 4 to point 6

#### Booster (Bettina Mikulec)

Monday 2<sup>nd</sup> of June the first beam from Linac2 got injected into the PSB after having solved several blocking issues (one of the problems to mention here was the missing cabling between the new beam stopper controls to the External Conditions = hardwired interlock; this interlock is since then blocked to OK by software, waiting for the cables to be pulled; some danger present to dump beam on the beam stopper after an access...).

The whole week our D-LL RF team worked very hard and finally today we can state that all 4 rings are accelerated and synchronised with 1 turn or  $\sim 45\text{-}50\text{E}10$  at extraction, but there are bugs being ironed out where the beam is not always as stable as required and can be lost on some shots. Also the integration of the new D-LL RF control needs still a lot of work before the operators will be able to control all the required functions and knobs from the CCC.

We will have to work closely with our BI colleagues to work down a long list of open issues. Several important BI systems like the BPMs at injection and extraction are not yet ready, which makes beam steering and setting up very difficult.

To summarise: good progress has been made during the first week with beam, but loads of work still ahead of us before we can say that we are really in control of our machine...