Wednesday 21/4/2010

Morning:

- Injecting again beam 1 and beam 2, correcting as required.
- RF re-phasing done.
- CO: Pierre Charrue: Restarted the BCT-Proxy on cs-ccr-cmw4. We will now study our log-files to understand what happened at 19h55 yesterday evening
- Inject again both beams for ramp

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squeeze of all IPs at once:

From 4 m to 3.5 m: lost RQS.A78B2 circuit, and consequently a large fraction of B2 (left with 5e9 vs. 2.3e10). Coupling problem which appeared with the incorporation from the end-of-ramp actual. Indeed, the function in the trim shows spikes which lead to U_res above threshold.

Stefano: trick:

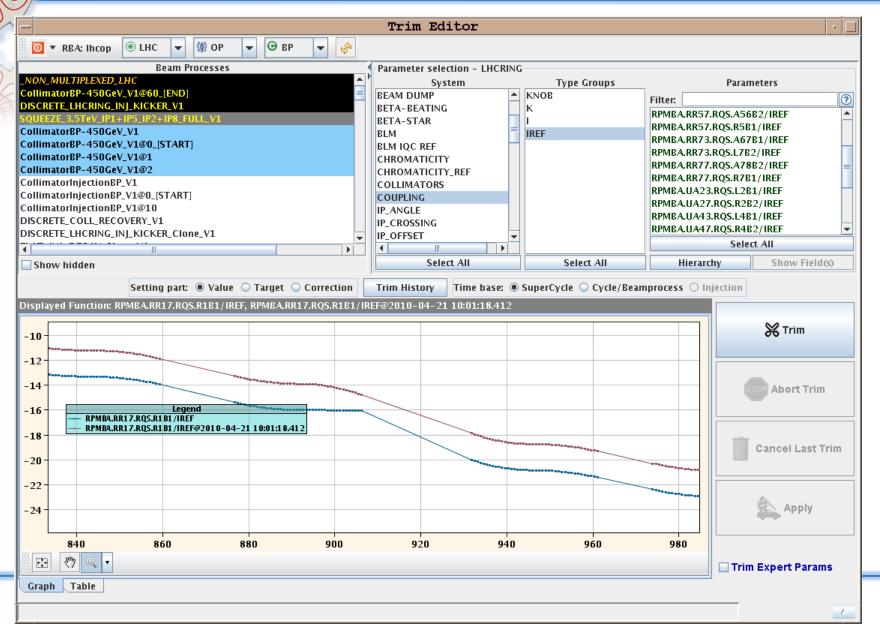
- Coupling knobs trimmed back to their values before incorporation
- K functions reverted to the last values generated by Mike this morning
- Coupling knob manually trimmed to the good delta from the end-of-ramp.

More robust solution to be implemented.

TCTs adjustment : in progress.



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What's next?

- ~17h: dump beams
- 17h 19h: ramping down and back to injection
- 19h 03:00 : damper commissioning 5e9 /beams
- 03:00 09:00 : Qualification of 3.5 TeV squeezed optics for protection. 1e10 /beams