

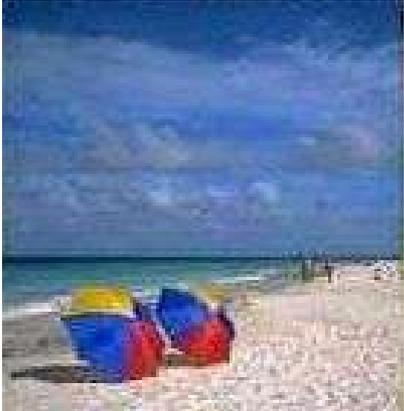
DAQ and EFI in Run 5/6 Shutdown

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Shutdown DAQ Work



- We need to have a post-run DAQFEST to discuss what we want to do for Run 6, but that's clearly going to be after QM2005 (mid-August?)
- We have to do some thinking about the evolution of the DAQ:
 - We could call it good enough for now
 - We could learn what limits us to 6 kHz instead of the theoretical limit of 12.5 kHz (note that actually trying to get close to that will probably require changes to GTM's, DCM code, possibly JSEB's and SEB's, the switch....)
 - We could focus on online software filtering (high level software triggers)
 - We could do both

Other Summer DAQ Work

- New software versions (Linux, CORBA, VxWorks, Jungo, etc.) take some time to install and adapt our software
- New servers and storage
 - "Sixth" bufferbox
 - NAS RAID for /home and /export/software
 - Workstations, monitors, whatnot
 - Beefier database server, web server
- New EvB components (32 Opteron servers "on their way")
- Linux ARCNET server (last major need for Solaris)
- Study of clock glitches with Kerner PLL

EF&I

Not on vacation...

- Removing the EC
- Helping ACU with MUTR glink-clink crates, low voltage distribution
- Preparing racks and buckets for TOF.W, HBD; remove MVD rack
- Electrical work for EvB and CM power
- Various maintenance and repair tasks, e.g.,
 - Fan replacement
 - EMCAL temperatures
 - PbGI "HV"
 - Vesda "12:38" alarm

Schedule

- EC will be disconnected soon and restored in the Assembly Hall by around August 1 (power, some fibers, water?)
- Shutdown power to EvB and VA clusters in early August for electrical work
- Complete power shutdown in 1008 sometime in August for "a few days"
- Standalone running should remain functional; some possible interruptions for work on the clock, GTM's, and GL12GTM board
- We'll try and help out with MUTR and TEC work as much as possible as needed