



TOF HV

Status / Run Preparation & Run Plan

Answers to Gerry/Matthew's Questions:

1. Define the parts of the TOF system you are reporting on:

- That's easy:
 - TOF HV hardware
 - TOF HV Control&Monitoring System

2. What is the current readiness status?

- **HW: Fully operational**
 - Crates OK
 - All installed boards OK
- **SW: Smacs & iFix OK** (Version 2.0 used in last Run)

3. Improvements and time-line:

- **HW: Nothing Needed** (only new spare boards)
 - 2 Spare boards already available
 - 2 Repaired boards was sent by CAEN (available before the start of the new run)
 - 10 new spare boards available within 1/1.5 month

- SW: Expected a new release of Smacs before the start of the new Tevatron run
- Startup status (channel status, HV setup file name) + HV V/I monitored values will be written on the DB

To Do:

- new iFix DB tag for the HV setup file name
- List of iFix DB tags to be written on DB

Time-schedule:

- ready before the start of new run

- Revised error/warning messages
- Channel status loaded from HV setup file at the restart of Smacs

Time-schedule:

- ready before the start of new run

- Other improvements ?
 - HV Standby ...

Time-schedule:

- To be discussed with Daniele

4. What is the plan for how we should be Running / Monitoring this part of the system in normal operations?

- As Usual:
 - HV ON/OFF + Basic Level Monitoring (iFix):
Monitoring ACE shifters
 - “Expert” Monitoring:
“Pagers” on duty (Smacs + TofMon)
- Smacs + TofMon should be in principle able to spot any HV related breakdowns in the TOF HV system
- Daniele+Stefano (Nov 9 -> Dec 9)
Stefano (Dec 9 -> Dec 19 & Jan 9 -> ...)
Will be at FNAL.

5. Documentation: what if anything needs doc.? How/when this happen?

- This is the missing item
- I asked Alex to write a full Smacs documentation ..
... nobody knows the status of this task ☹
- I’ll try to write a clear (eng. Checked ☺) How-To guide covering the usual tasks needed to operate and solve common problems for Smacs and iFix ...
(doc. Ready before the start of The run not guarantee !).