

Offline Calibration: Comments & Status

- ◇ Definition & Constraints
- ◇ Infrastructure Status
- ◇ Sub detector Status

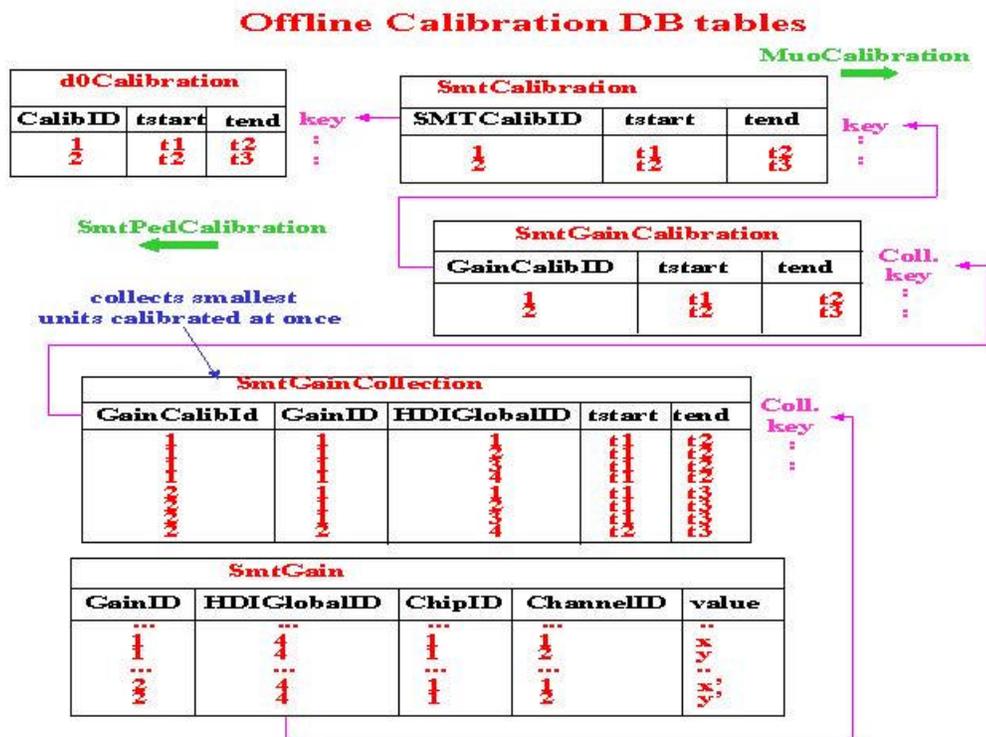
Sub-detector status reports not here
only because of 1.5 hour time limit...

What is this?

- ◇ Basically,
 - “full history” of DO calibration
 - replication of online
 - some additional information,
e.g. SMT efficiencies
- ◇ Constraint
 - Offline access by “current for given run/time” or EnvID
 - Have EnvID \Leftrightarrow calibration set so slightly different table structure

InfraStructure Issues

- ◇ Current &/or EnvID management
 - overall calibration_manager
 - specialization for each sub det
- ◇ Extra collections/tables providing the EnvID history mechanism



Infrastructure, cont'

- ◇ DOom for I/O
 - modifications support for DB
 - special one-to-many collections
 - Oracle (direct) and Corba (indirect) db access
 - in place for considerable time...
 - fairly well tested by SMT prototype
 - export via flat file... (not tested)
- ◇ Design to minimize I/O
- ◇ C++ classes reflecting the tables

SMT prototype for approx. 8 mos. (about to undergo revision of details, not structure)

Status

- ◇ Recent glimmers of light
 - Strawman tables for
SMT, FPS, CFT, (Cal), Muon
 - Must continue over summer
- ◇ as said, SMT (Ela) has checked basic ideas nearly to completion

- ◇ Proposal
 - Joint one-day meeting early August for online & offline to a synchronize