



DAQ in TBs & commissioning sites

Status until Sep 07



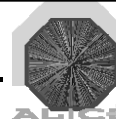
	S P D	S S D	S D D	T P C	T R D	T O F	M U O N T K	M U O N T G	H M P I D	P H O S C P	F M D	T O	V O	Z D C	P M D	A C C O R D E	E M C A L
Data Acquisition with central DAQ																	
Trigger with central Trigger																	
Generation of Trigger signals		NA	NA	NA			NA		NA						NA		

Plans Oct-Nov 07



	S P D	S S D	S D D	T P C	T R D	T O F	M U O N T K	M U O N T G	H M P I D	P H O S C P	F M D	T O	V O	Z D C	P M D	A C C O R D E	E M C A L
Data Acquisition with central DAQ																	
Trigger with central Trigger																	
Generation of Trigger signals		NA	NA	NA			NA		NA		NA				NA		

Situation at Point 2



- ◆ Components ready and used/in use:
 - ECS
 - DAQ
 - CTP (in UX-C area)
 - HLT
 - ACR
 - electronic logbook
 - FEX
 - AMORE
 - DAs
 - TDS
 - migration to CASTOR
 - registration in AliEn
- ◆ Two working modes:
 - DDG
 - detector readout
- ◆ Not possible to implement other working modes (e.g. injection of simulated data):
 - the simulated data stream for the FDR must come from the detectors

TBs



- ◆ Few TBs in various sites:
 - PHOS
 - EMCAL
- ◆ Minimal environment & features:
 - no FEX
 - no DAs
 - no Amore
 - migration to CASTOR
 - registration in AliEn

Summary



- ◆ DAQ installation and commissioning:
 - DAQ for 2007-8 installed. ACR ready.
 - TRG, DAQ, HLT, ECS commissioning done
- ◆ Detector – DAQ commissioning:
 - commissioning of detector at Point 2 with central TRG and DAQ started for 9 detectors
- ◆ The next big milestone: combined test of several detectors with cosmic runs in Oct.-Nov.
 - detectors have priority over any other activity
- ◆ The first commissioning run with cosmic now reduced to two weeks in December:
 - magnet tests and first global commissioning combined