M. Wielers
HEC meeting
Date: 22/02/00

Status of QC of production matters

- QC Documents
- QC for Production Database
- QC Checklists
- Divers

QC documents

Institute	comments
Alberta	nearly finished
Dubna	available
Lebedev	available
Mainz	available
Munich	available
Protvino	available
Vancouver	update started for EST board production
	update of production procedures needed
	→ end of march/beginning of april
CERN	→ Peter's talk

documents available below LArg home page
http://atlasinfo.cern.ch/Atlas/GROUPS/
LIQARGON/HEC/QA/Series.Production/PRR/
QCDocuments/index.html

QC for Production Database

Entries per component

component	item	comments
Honeycomb	serial number	
	thickness	potential for calibration
	weight	signal calibration
PAD/EST	serial number	
	thickness	signal calibration
	resistance	pileup/Xtalk
	HV test	
copper	serial number	
	thickness	material distribution
	density	

Entries per module at stacking Site

item	comments
module number	
stacking site	
final currents (2KV)	noise?
currents at 2KV per gap	
routine/non-routine flag per gap	problem here might result in problems later
spacer size	small/large for front; small/med/large for rear
height of module	
purity monitor module?	

Entries per module at CERN

item	comments
Capacitance per tower	noise
some results from cold test per channel	noise
Quality channel flag	'non-ideal world'
others (cables, electronic data?)	timing

Miscelleneous

comment field per module to list non-comformities, restacking, acceptance test results... $\longrightarrow$ Traveller should go with every module

QC Checklist (in computer format)

Institute	comments	
Alberta	EXCEL	input of data started
Dubna	EXCEL/Ascii	
Lebedev	EXCEL/Ascii	
Mainz		
Munich	ACCESS	data available
Protvino	EXCEL/Ascii	
Vancouver	ACCESS	most data in
CERN	ACCESS	needs to be set up

Divers

- ◇ QC at CERN $\longrightarrow$ Peter
- ◇ Production Database issues $\longrightarrow$ Michael

$\Rightarrow$ QC meeting in 40-R-C10 at 14.00