



LHCb Upgrade Electronics

Meetings in 2017 (Thursday, 2pm):

10th August

12th October

14th December

<http://lhcb-elec.web.cern.ch/lhcb-elec/html/upgrade.htm>



News I

Common Components

VTRX: Full quantities delivered to labs

GBT-SCA Version 2: Small quantities (eg 10) available now. Ask me!

Full production quantity delivered to CERN, waiting for testing
available August at the latest

Irradiations at CHARM

UT (LV board) completed successfully this week

SciFi (front-end boards) July

RICH (front-end boards) Aug

Muons ??

TWEPP 2017:

Good participation from LHCb, 3 oral presentations
+ posters

Power supplies

Existing maintenance contract up to end 2019

Negotiations starting to extend this until LS3 (end 2023)

Some PFC reliability issues to be resolved:

weakness identified in one of the two PFC versions

6% of total units, but not traceable!

if PFC fails, repair will include version modification

transparent procedure to users

For new purchases or modifications for upgrade:

LS2 will be busy for these companies.

Don't wait too long to make orders (end 2017 good deadline)

NB: Don't forget that the maintenance service offers verification testing FREE OF CHARGE

Cabling

From Laurent:

Reminder: Two documents prepared per sub-detector

1. Fibres
2. Cu cables/racks

Deadline for completion: **August 2017**

Laurent happy to help with questions

Discussion of conclusions at next Elect Meeting in Aug.

QUESTION: do any sub-detectors need fibres connecting D2/D3/D? up to surface?