



# LHCb Upgrade Electronics

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Meetings in 2013 (Thursday, 2pm):

11<sup>th</sup> April

13<sup>th</sup> June

8<sup>th</sup> August

10<sup>th</sup> October

12<sup>th</sup> December

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

Mailing list:

Go to [simba.cern.ch](http://simba.cern.ch), search for lhcb-upgrade-electronics



# News I

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**Reminder:**

**Issues related to export from USA of rad-tol chips**

**Compliance letter to be signed by all institutes using/handling IBM chips**

**MANDATORY !!!!!!!**

**Note that there are restrictions on where these chips can be sent (institutes and companies)**

**Please contact me if you didn't get a copy**

**Updated version of specifications note:**

LHCb-PUB-2011-011 (version 2.4)

<http://cds.cern.ch/record/1340939?ln=en>

and accompanying documents on TFC & TELL40

**This should be regarded as 'final'.....  
only minor modifications from now on**

## Upcoming meetings:

- **TELL40 firmware workshop at CERN 9/10 April**  
**Chaired by Annecy**  
**All sub-detectors should be represented**
- **Sub-detector architecture reviews:**  
**Outer Tracker (6<sup>th</sup> March)**  
**Calo (12th June)**  
**RICH (September)**

## Good news on potential availability

(many thanks to Philippe Farthouat for following this)

- Old fabrication line stopped (remaining stock failed qualification)
- New fabrication line started
- Tested positively for 'space-grade' rad levels (300 krad)
- BNL will test at 'HEP' levels
- Negative version still to be assessed soon
- Cost around 12 euros

Almost certainly available if there is a demand.....

Who would like them?