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Setup for Herschel in TED run

This page intend to collect informations on how to run Herschel in the TED run of November 21-22, 2014.

Description of the setup

Only the backward station are considered for the TED run.

PMT HV

The station's PMTs receives HV and bias from the Caen power supply located in D..... These are controlled via the HRC_HV project. To open it:

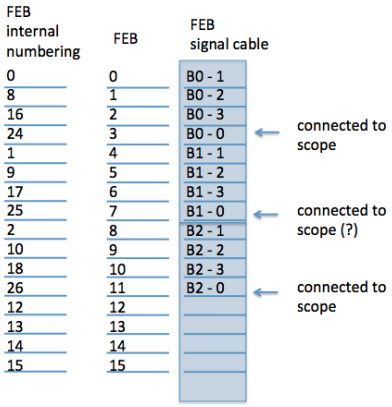
On vedev01 open the gedi panel with

```
WCCOAui -proj  HRC -m gedi
```

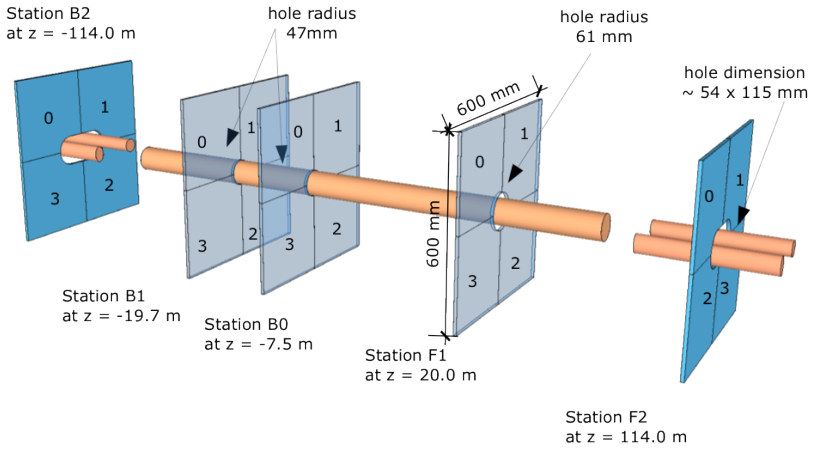
Then in menu JCOP Framework-->Device Editor and Navigator In the Harware tab,
HRC->CAEN->HRCCrateHV board00 is HV and board03 is the Bias

Numbering System

Cabling at the FEB: 3 quadrants plugged, quadrant 0 connected to scope:



Cabling at the FEB: 3 quadrants plugged, quadrant 0 connected to scope:



Crate

CROC and FE configuration, where are the input cable connected

Tell1

where is the tell1, how to connect to it, what is connected to it, where does it sends its data

Never run the TFC, HRC is our project

vedev01 in the pit it contains the WinCC project

ssh herschel@vedev01NOSPAMPLEASE.cern.ch

Scope

Connect to the scope with rdesktop -f herschelscope01 or rdesktop -g 1200x1000 herschelscope01

username herschel password hrc01

Software

Connect as herschel user on plus, and setup the environement by typing:

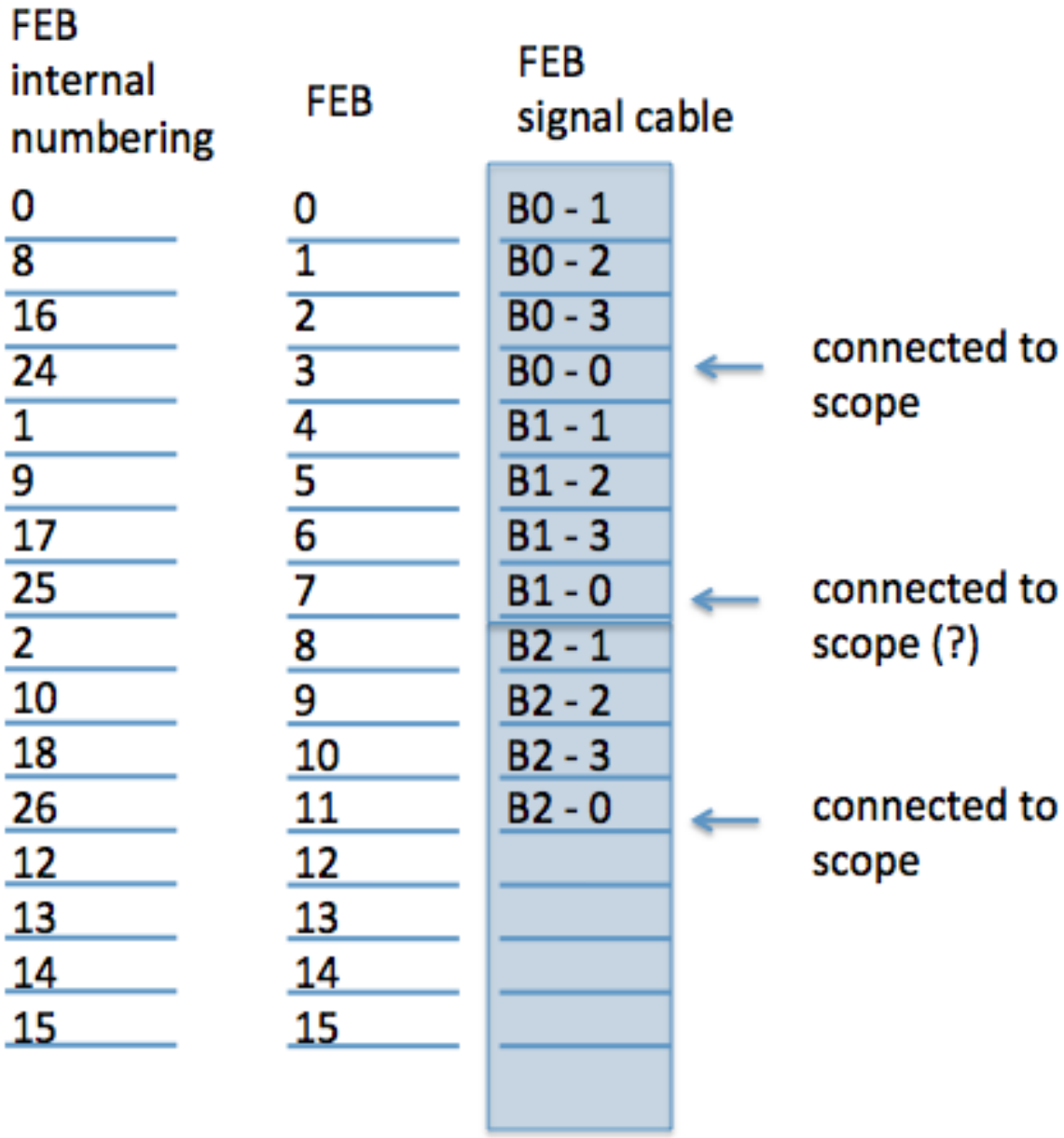
```
brunel
```

this brings you to the scripts folder where you can just run for example python decode2.py

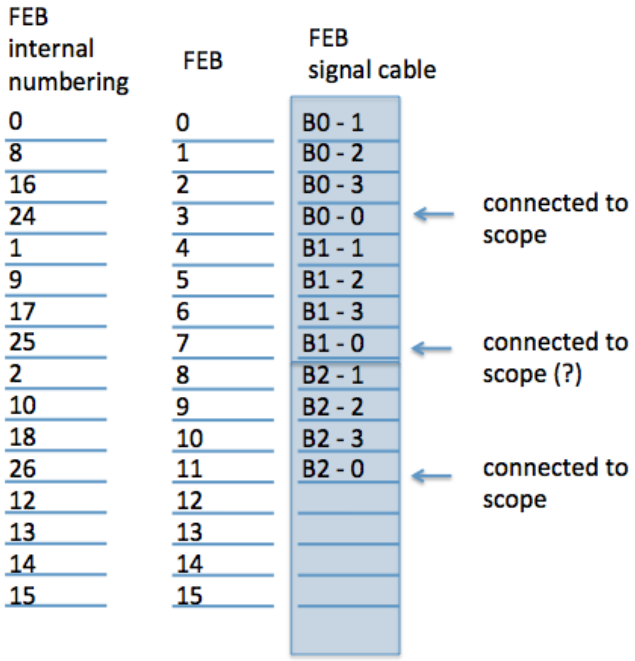
All this will be commit at one point, but there are some single identifier for HCDigit object for which we should discuss with Marco Cattaneo first.

The station's PMTs receives HV and bias from ???. These are controlled via the .... WinCC project -- VictorCoco - 2014-11-19

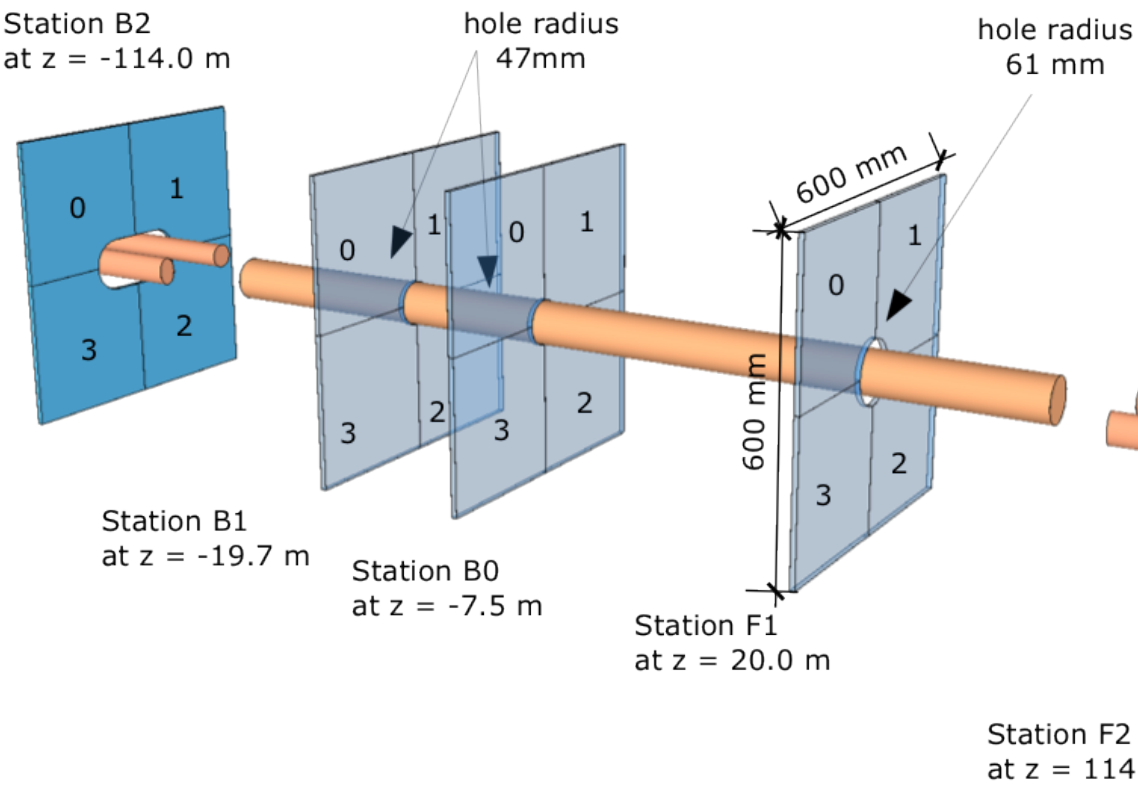
- connections_ted.png:



- connections_ted.png:



- Herschel_configuration_annotated_1.png:



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Topic revision: r5 - 2014-11-22 - PaulaCollins