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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
```

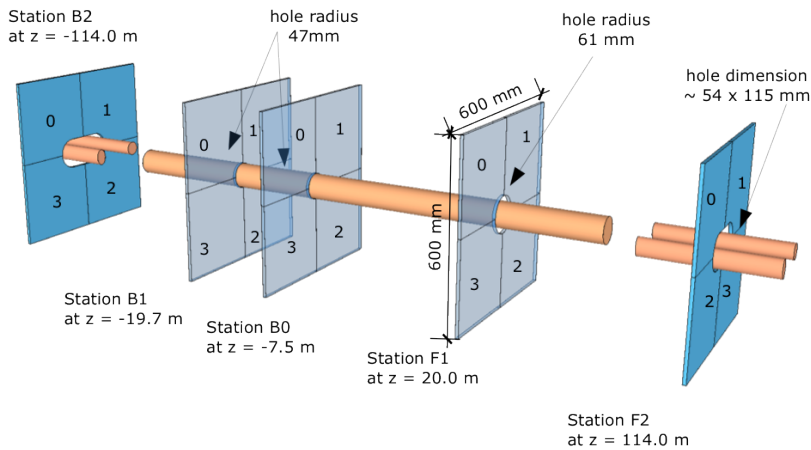
Then in menu JCOP Framework-->Device Editor and Navigator In the Harware tab, HRC->CAEN->HRCCrateHV board00 is HV and board03 is the Bias

## Numbering System

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

FEB internal numbering	FEB	FEB signal cable	
0	0	B0 - 1	
8	1	B0 - 2	
16	2	B0 - 3	
24	3	B0 - 0	← connected to scope
1	4	B1 - 1	
9	5	B1 - 2	
17	6	B1 - 3	
25	7	B1 - 0	← connected to scope (?)
2	8	B2 - 1	
10	9	B2 - 2	
18	10	B2 - 3	
26	11	B2 - 0	← connected to scope
12	12		
13	13		
14	14		
15	15		

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 environment by typing:

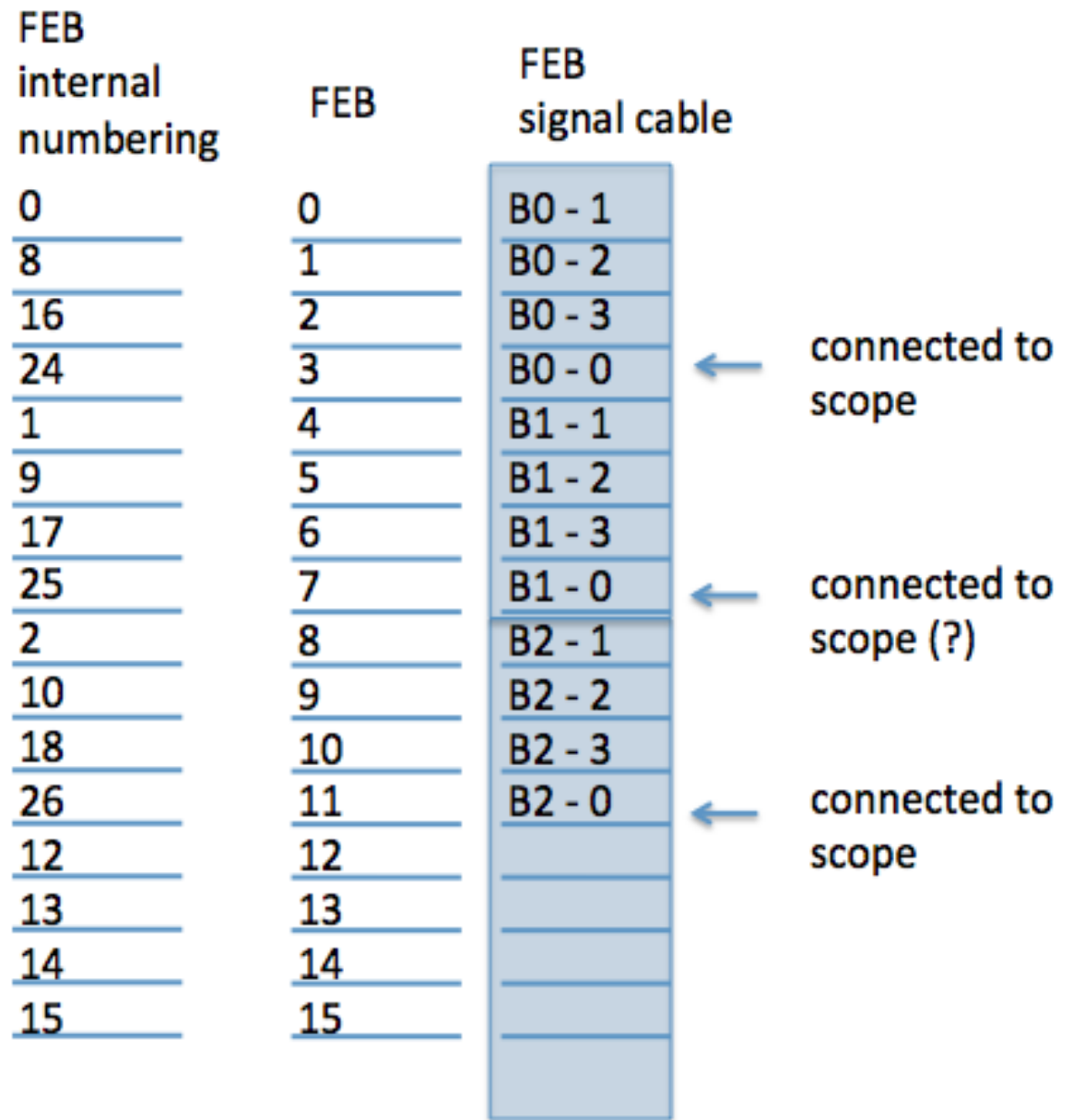
```
brunel
```

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

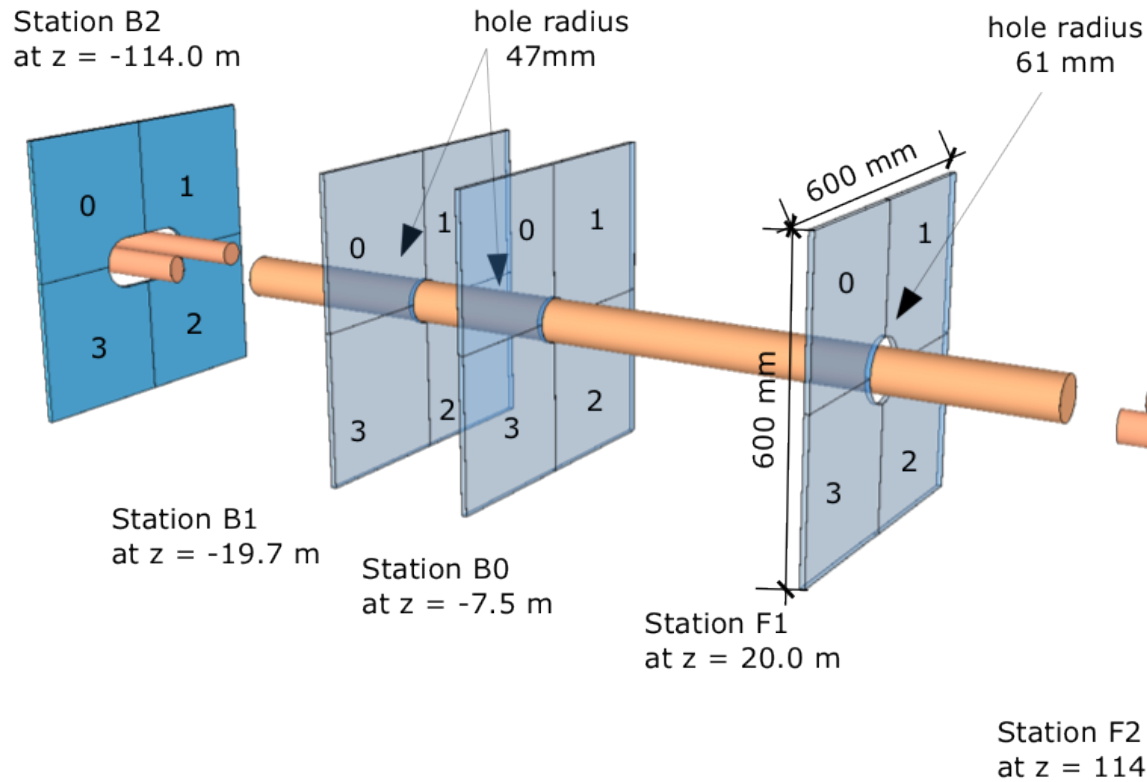
- connections\_ted.png:



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26	11	B2 - 0	← connected to scope
12	12		
13	13		
14	14		
15	15		

- Herschel\_configuration\_annotated\_1.png:



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