

Hi Scott,

I checked the 4 files and I see the masks for all of them.
Here is the assignment I am using for the TPC signals (this should be in the file
Frs/tracking.config):

```
#####  
# TPC S21  
#####  
processor Frs/TpcS21 FRS.StandardTpc  
times[0:7]      <- FrsTpcCrate.tdc0[16:23]  
amplitudes[0:7] <- FrsTpcCrate.adc0[16:23]  
fiber           <- FrsTpcCrate.tdc1[23]  
display  x:y     in TPCs/TpcS21  
display  x               in TPCs/TpcS21  
display  y               in TPCs/TpcS21  
display  x_fiber:y_fiber in TPCs/TpcS21  
display  checksums | gate_checksums in TPCs/TpcS21/checksums  
end  
#####  
# TPC S22  
#####  
processor Frs/TpcS22 FRS.StandardTpc  
times[0:7]      <- FrsTpcCrate.tdc0[24:31]  
amplitudes[0:7] <- FrsTpcCrate.adc0[24:31]  
fiber           <- FrsTpcCrate.tdc1[23]  
display  x:y     in TPCs/TpcS22  
display  y               in TPCs/TpcS22  
display  x               in TPCs/TpcS22  
display  x_fiber:y_fiber in TPCs/TpcS22  
display  checksums | gate_checksums in TPCs/TpcS22/checksums  
end  
#####  
# TPC S41  
#####  
processor Frs/TpcS41 FRS.StandardTpc  
times[0:7]      <- FrsTpcCrate.tdc1[0:7]  
amplitudes[0:7] <- FrsTpcCrate.adc1[0:7]  
fiber           <- FrsTpcCrate.tdc1[25]  
display  x:y     1000,-50,50:800,-50,50 in TPCs/TpcS41  
display  y               in TPCs/TpcS41  
display  x               in TPCs/TpcS41  
display  x_fiber:y_fiber in TPCs/TpcS41  
display  checksums | gate_checksums in TPCs/TpcS41/checksums  
end  
#####
```

```

# TPC S42
#####
processor Frs/TpcS42 FRS.StandardTpc
times[0:7]      <- FrsTpcCrate.tdc1[8:15]
amplitudes[0:7] <- FrsTpcCrate.adc1[8:15]
fiber           <- FrsTpcCrate.tdc1[26]
display  x:y    1000,-200,200:1000,-200,200 in TPCs/TpcS42
display  y              in TPCs/TpcS42
display  x              in TPCs/TpcS42
display  x_fiber:y_fiber in TPCs/TpcS42
display  checksums | gate_checksums in TPCs/TpcS42/checksums
end

```

Then I look at the x:y histogram and I see the fibers. It may be good to leave smart histograms to start. If there is no good calibration you can be out of range and see nothing. Is also to note that the input "fiber" in each processor is not really relevant as coincidences were made before passing the signals to the electronics (This may not be the case for all the experiments).

Also notice that at some point there was a problem with a TPC and not all the signals were used for the analysis. I think there is an elog entry about it. If i find it I let you know.

About the size of the grid, usually is the 12 x 6mm, nevertheless the logbook should say which fiber was used. Do you have a scan of the logbook?

Cheers,