
Subject: [FIXED] Problem with FTS Mapper PndFtsMapCreator

Posted by [Denis Bertini](#) on Mon, 20 Jan 2014 10:49:18 GMT

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Hi

I found some inconsistencies with the geometry information corresponding the straw tubes in the FS.

All FS straw tubes (PndFtsTube Objects) are stored in a TClonesArray and indexed vis the TubeID.

A dump of values shows that for the 2nd layer the tube position is wrong (notably wrong Z) :

```
-l- PndFtsClusterFinder:: ReadFtsHits()
```

```
-l- Digits Data: fHits[0] is branchID 5 name# FTSHit entries# 49
```

```
-l- PndFtsClusterFinder ChamberID# 1                LayerID# 1                TubeID# 51
```

```
-l- PndFtsClusterFinder Tube position X: 13.635 Y:0 Z:294.895 R_meas: 0.208595
```

```
-l- PndFtsClusterFinder wire direction
```

```
wx# 0 wy# 1 wz# 0
```

```
0
```

```
-l- PndFtsClusterFinder ChamberID# 1                LayerID# 2                TubeID# 192
```

```
-l- PndFtsClusterFinder Tube position X: -95.95 Y:0 Z:423.765 R_meas: 0.330289
```

```
-l- PndFtsClusterFinder wire direction
```

```
wx# 0 wy# 1 wz# 0
```

The Z position should be instead Z=295.75 ?

Any idea ?