Minutes of the 136th Energy Calibration Meeting held on 8 August 1997

1 Status of 1997 calibration

Joerg Wenninger has set up an area

`/afs/cern.ch/user/j/jwenning/ecal97`

where he will update files with bend-modulation, RF frequency and vernier trims (fill, time ...) extracted from the controls DB. He might also put some BOM/RF frequency information there later.

Bending modulation works well, and is being smoothed further.

The "wrong" degauss cycle to 4200 A (instead of the normal 4480 A), was used from the 28/7 at 20:30 to the 4/8 at 16:30.

The BOM Xarc works very well. The number of sick arc BPMs is at a record low over the last month or so. The agreement with the central frequency is reasonable. Joerg hopes to be able to make at least 1 central frequency every 10 days or so.

There will be a meeting on Monday at 15:00 to discuss polarisation MD planning.

Marcel is checking the average RF frequency shift in physics fills. This is close to 100 Hz for the bulk of the data. The suggestion to the experiments is therefore to use:

$$E_{beam} = (E_{nominal} - 140\text{MeV}) \pm 100\text{MeV}$$

2 1993-1995 Status

After a lot of hard work the error matrix has been finalised. Tiziano is preparing the first complete draft of the paper with a target of 19 August for circulating it to the group.

3 Next Meeting

The next meeting will be in two weeks on 22 August.

Pippa Wells, 11 August 1997.