Minutes of the 134th Energy Calibration Meeting held on 25 July 1997

This meeting was to discuss the status for the 1997 running. Tiziano will arrange a meeting next week (probably on Thursday) at which the final 93–95 energy error matrix will be presented. There will be a meeting next Friday, 1 August at 15:00 to review briefly the 1997 status, and weekly meetings will continue for the first few weeks of running.

1 RF measurements

Ernst Peschardt presented the detailed calibration measurements. These were done w.r.t. a superconducting unit with no aligment error at point 8 (873-1) as an additional cross check compared to the previous measurements made with a pair of copper units as reference. The alignments are all very consistent with previous measurements. A few units have voltage calibrations that are a few per cent wrong.

2 Logging status

Mike Hildreth reported on the logging of the Z fills. Some quantities were missing for the first few fills, but now everything looks fine. Mike and Marcel Heemskerk will establish a routine checking of the logging over the next week.

3 K modulation

The software has been tested. Up to 8 quadrupoles can be measured at the same time on the Z. This will have to be checked again at high energy. No measurements have been made yet, but everything is ready to begin.

4 Central frequency measurement

A first central frequency measurement was in fact made last week, between the time when Joerg sent a status report and the meeting.

5 Bend modulation

As usual, we invested a few minutes of our lives re-discussing whether or not this should be done, and concluding again that it should.

6 Polarisation measurements

A first technical end-of-Z-fill MD came to an unexpected and abrupt end just before this meeting. There will be another attempt over the weekend.

Pippa Wells, 25 July 1997.