

Part C - Status Report

A test of an IGD prototype, comprising 49 counters, has taken place at the PS in October. The detector worked satisfactorily, although some improvements were found necessary in the mechanical support of the photomultiplier.

One of the aims of the tests was to gather a sample of showers to investigate the most convenient parametrization of their profile for the adopted geometry. The second goal was to pursue our efforts in the development of the monitoring system. The results we obtained indicate that we can now calibrate our counters to a few percent without even using a beam.

The main problem now is the implementation of an optical fiber system uniform to the required 1% level. Different solutions are being investigated in various laboratories.

HV: the computer controlled HV unit DATEP has been fully tested during the mini-IGD run and a command for 15 crates (120 channels each) is being placed these very days.

Readout: Le Croy is late in the delivery of a prototype for the 2280 model, now promised for the 21st of December. Our final command is consequently being delayed.

Mechanical constructions are in progress according to schedule.

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