

NOTES ON THE BEAM HANDLING MEETING

ON AUGUST 28TH 1959

Present : C. Germain, F. Krienen, G. Muratori, G. Plass, B. de Raad, C.A. Ramm  
S. van der Meer.

- 1) C.A. Ramm gave a brief introduction stating that these meetings were meant to provide a frame for regular discussions about the activities in the EA group concerned with apparatus required for experiments with the Propane chamber.
  
- 2) F. Krienen sketched briefly the slow beam extraction based on Coulomb scattering, as outlined in PS/Int. EA 59-9. Special attention was given to the necessary bending magnet for which a convenient aperture size would be 1.5 by 1.5 cm<sup>2</sup>, but it could also be larger. Contrast to the Piccioni-type system considered before, the magnet could be located on either side of the beam. Hence the use of the bending magnet of the fast extraction system could be an obvious simplification. Doubts were however expressed in this respect because of heat problems, the pulse duration being a few hundred times longer with the slow than with the fast system.

After some discussion it was agreed that F. Krienen and G. Plass should look into the problem and report at the next meeting.

- 3) The next meeting will take place on Friday, September 4th, 16.30 h.

Agenda

1. Layout of electrostatic separator
2. Bending magnets for beam extraction systems.

G. Plass

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Distribution : Parameter Committee  
Magnet Group