

MD NOTEContinuous Transfer Tests on 28.7.1972

Persons present : C. Bovet, J. Bleeker, D. Grier, L. Henny, A. Krusche,
P. Pearce.

The intention of this session was to try out the continuous transfer during a machine cycle with a magnetic flat top at 10 GeV/c.

Since already the fast ejection showed a beam blow-up and vertical instabilities, we were not able to set up a 11 turn ejection.

It was not possible to place the beam near enough to the electrostatic septum at a normal loss rate, so that the available kick strength of the programmed fast kickers was too small to make the beam jump properly into the septum.

Moreover, the operation was seriously handicapped by numerous hardware failures as :

- no access to the controls of the beam transport system of e_{10} ,
- an obviously crazy FE 16 efficiency display,
- RF cavity water fault,
- a non-operational Q-value measurement device,
- no readout of the septum 16 angle,
- troubles with the power supplies T 504 and G 1000.

Distribution :

A. Krusche

Persons present	D. Dekkers	F. Rohner
O. Barbalat	C. Germain	H. Simpson
D. Bloess	K. Hübner	P.H. Standley
	J.H.B. Madsen	Ch. Steinbäch
	G. Plass	