

Summary of a meeting concerning Transfer Line Instrumentation
held on 3.4.1984.

Persons present: G. Baribaud, D.C. Fiander, W. Heinze, H. Koziol, A. Krusche,
G. Schneider, C. Serre, R. Sherwood

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1. SEM-GRIDS

1.1 Situation

There are 6 SG's in the TT2 line

No. 1. MSG.258 } SPS Type
No. 2. MSG 268 } (Dieperink)
No. 3. MSG 278 }

No. 4. MSG 329 }
No. 5. MSG 349 } ISR Type
No. 6. MSG 369 }

There is 1 in the AA ejection line :

No. 7. MSG 2509 SPS Type and

2 in the PS ejection line FA 58 :

No. 8. MSG 038 {
No. 9. MSG 057 { ISR Type

1.2 Decisions

- SG No. 7 MSG 2509 will be linked to the acquisition system of Nos. 1, 2 and 3.
- The acquisition system (Dieperink) will be treated as "intelligent device" and as such connected to the PS controls system via a RS 232 link.
- The total system must be operational on 31st August, 1984 for the SPS $p\bar{p}$ MD, preceding collider operation, in such a manner that not only one person can operate it.
- The SG's Nos. 1, 2 and 3 have to deliver the horizontal and vertical profiles and the emittances. From SG No. 7 only the profiles are desired.

- The SG's Nos. 4, 5, 6, 8 and 9 will be controlled via existing CAMAC interface from the main consoles as already provided.
- The software for evaluation and presentation of both acquisition systems must be flexible. It will be established in collaboration between J. Dieperink, Ch. Serre/C.H. Sicard and G.C. Schneider.
- For the time being, no effort can be invested into the upgrading of SG's Nos. 8 and 9 for use on \bar{p} beams. In any case, 3 SG's, belonging to SPS, are a downstream in TT 70.
- G.C. Schneider was asked to take the responsibility for the 9 SEM-Grids. Ch. Serre is responsible for the controls software.

2. MAGNETIC PU's (UMA)

It was decided that the UMA's in TT2 are no longer of interest. They can be removed.

3. SCINTILLATOR + TV

As 1 TV screen is needed in section 201 of TT2, the UMA 201 will be replaced by a new TV screen MTV 201. (resp. : M. Van Rooy, Ch. Serre for software).

G.C. Schneider

Distribution:

Persons present
J. Boillot
E. Brouzet
F. Perriollat
P. Têtu
M. Van Rooy