### Resumé of

#### Discussion on design effort for SR group

(Richter/Plass; 14/15 Oct. 1968)

- 1) Discussion was based upon:
  - a) MPS/SR/Memo/68-42, (cp. App.)
  - b) the organization of the ML design section in several teams.

2) It was agreed that

- a) The team headed by W. Wünsche (Messrs. Bicca, Roux) will continue to work on septum magnets, jobs E 2, 3, 4, 5, 10.
  Job E 4 should be finished within approx. one week. The work of this team for the 30 mm gap magnet will be taken over by SI division.
- b) The team headed by B. Szeless (Mr. Görlitz + vacancy) should work on kicker magnets (E 6, 7, 12) and the various jobs for the PS magnet section (PSM 1-7). Jobs PSM 1 and 5 can slide till after the 1969 shut-down. Job E 6 should be done by the pump manufacturer if possible.
- c) E. Boltezar will continue on the prototype RF cavity. At the beginning of 1969 Mr. Plattner (arrival at CERN: 1/1/69) should take over and take care of the final cavity and the other RF jobs. There is no draftsman available for this work. Probably approx. 1 man year of regie-labour.
- d) Job E 9 is finished. Job E 1 shall be tackled by P. Mann.
   Jobs E 8, 11 and the miscellaneous are pending, awaiting further detailed information.

The total effort involved on SR work in 1969 within the design section should hence be:

These arrangements will be reviewed in spring 1969. For new work to get priority over the present list the undersigned should be consulted.

> G. Plass W. Richter

## Distribution:

- R. Bertolotto
- D. Bloess
- E. Boltezar
- J. Buttkus <sup>H</sup>.P. Kindermann
- P. Mann
- B. Nicolai
- W. Pirkl
- G. Plass
- W. Richter
- F. Rohner
- P.H. Standley
- B. Szeless
- W. Wünsche

# APPENDIX

#### Design work request for SR group

x = needed as soon as possible
o = needed for autumn 1969

Responsible Messrs. R. Bertolotto (septum magnets) Ejection D. Bloess B. Nicolai (kicker magnets) 1) Investigation of septum magnet fixation and articulation (old design) х 2) Continuation of septum magnet (two turns throughout) x 3) Ejection 16 : spetum magnet, support and feeds 0 4) Continuation of dossier for SM 58 and 74 х 5) Continuation of tube septum magnet v 6) Installation drawings for new hydraulic pump х Installation of kicker s.s. 5 : tank, supports, pipework, etc. 7) 0 8) Cooling circuit for Schneider-Westinghouse 0 9) Trolley for septum magnet tanks 10) Further modifications of septum lens Installation drawing for central building 11) 0 12) Work on improving KM 97 (straight flush) P.S. Magnet Responsible F. Rohner 1) Displacement facility for magnet units 0 2) Dipole magnets x Injection skew quadrupoles 3) 0 4) Beam shielding pipe for magnet unit 1 х 5) Compact quadrupole o 6) Documentation for PS magnet Sketches for current model work 7) х New Acceleration system Responsible Messrs. J. Buttkus (Amplifier) H.P. Kindermann (Cavity) W. Pirkl Cavity - prototype x 1) - final version 0 2) Amplifiers 0 3) Matching devices 0 Miscellaneous

- o Special ferrite cavity for the compensation of space charge effects
- x Coupling loop in PS cavities (finished?)
- x Special half quadrupole for slow ejection