

Dear Colleagues,

the meeting in October (28. – 30. at GSI) on the preparation of the Technical Proposal for installations along the LOI (Letter Of Intend) of the SPARC (Stored Particle Atomic Research Collaboration) is approaching fast.

As one of the local coordinators I write to You for the project of electron spectrometer for conversion and atomic electrons as You may recall from the LOI. at GSI – web page www.gsi.de.

Since it is now the time for coordinating conceptual ideas from the interested community I am looking forward to see You at the meeting soon. With respect to finish a detailed technical report (design study) until the end of this year we may elaborate some cornerstone numbers during the work shop together which will serve as coordinates to be agreed upon and for subsequent detailed design studies in the working groups.

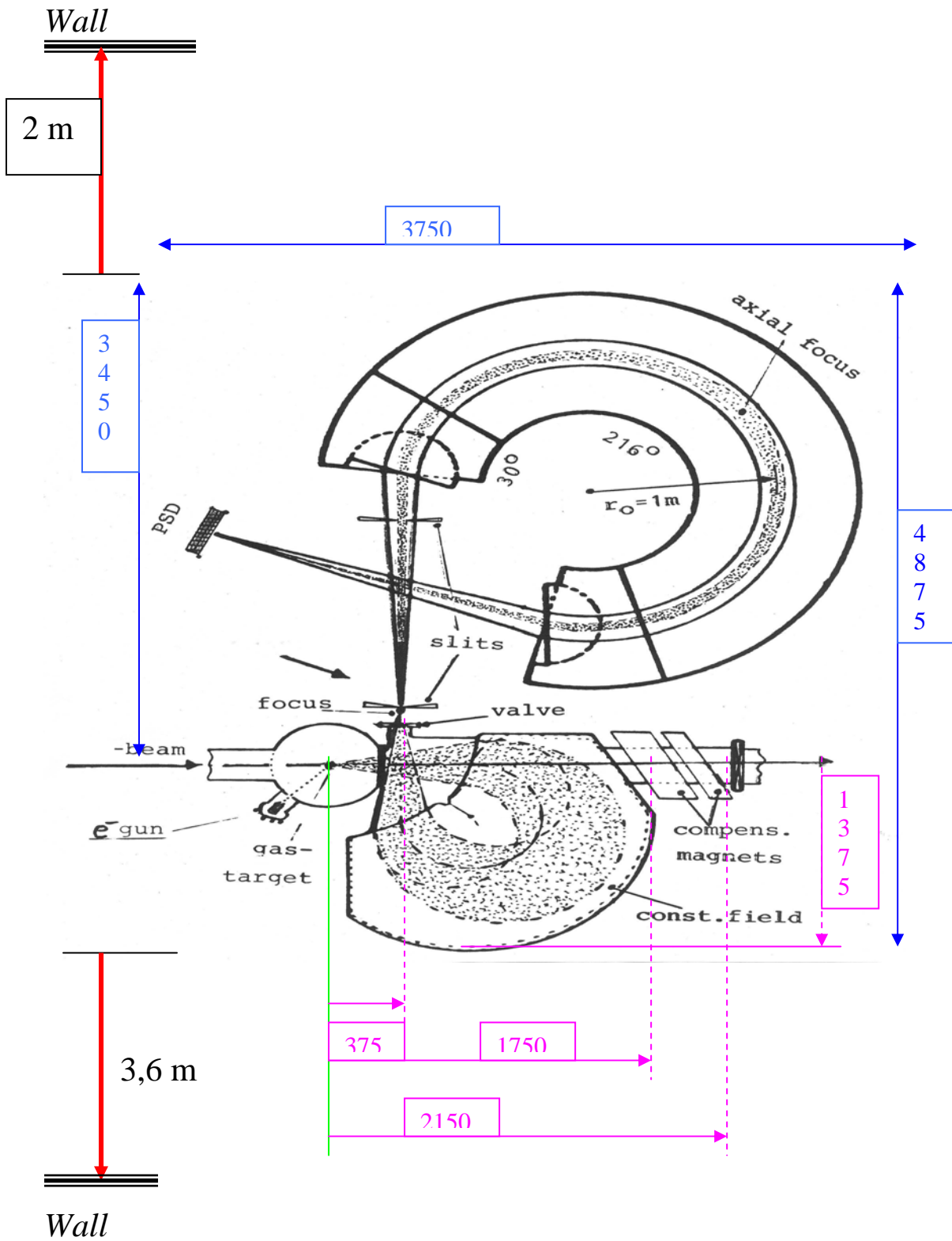
The status of the electron spectrometer system (ESS) - as You may notice from the LOI- is at a first principle stage consisting of a 270° transport dipole magnet catching electrons under 0 degree with a large solid angle and with a large momentum bin followed by a high resolution momentum (energy) analyzer. For the latter we took the BILL spectrometer from the ILL in Grenoble as a possible instrument. However, alternative ideas on Your mind may come up being appreciated at the workshop discussion.

I may remind your registration on the workshop with the deadline at Oct. 15'th 2004. You may find details at the web page <http://www-linux.gsi.de/~sparc/>

I hope to see You in October in Darmstadt,
Sincerely,
Rido Mann

Geometry of electron spectrometer system

elspecgeom.dot



High: each 0.25 m above and under beam line