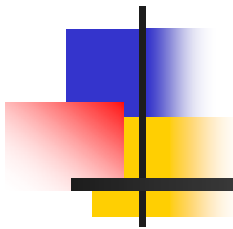


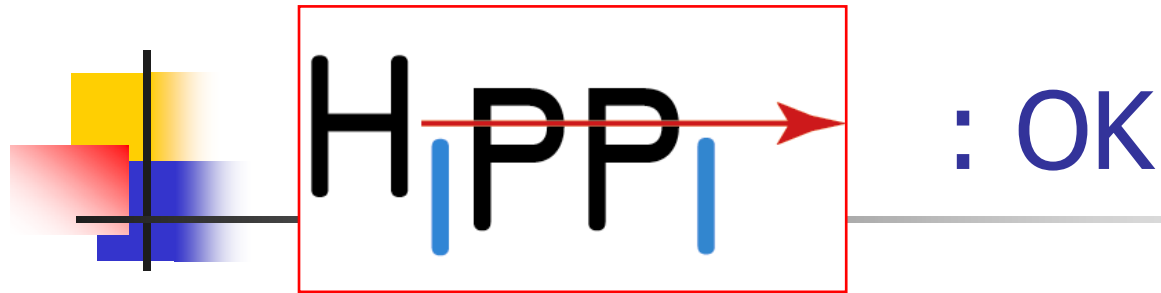
SPL STATUS

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- 3 MeV pre-injecteur (with the IPHI RFQ)
 - HIPPI (Joint Research Activity in CARE)
 - ISTC programmes
 - PSB potential improvement
 - Context



3 MeV pre-injector : OK

- Modified agreement with CEA and CNRS: approved in principle, but pending arbitration in French research budgets...
- Work progress:
 - 1st technical coordination meeting on Oct 1 (installation of pre-injector & RF test place with 2 LEP klystrons in the PS South Hall extension)
 - Linkmen nominated by all support teams. Work packages to be integrated in the work and staff plans
 - 4th IPHI-SPL collaboration meeting on Oct 22-23
 - Hardware (chopper, bunchers, instrumentation, ...)



HIPPI= High Intensity Pulsed Proton Injectors

- ↳ Bid to EU in the 6th FW Programme, inside CARE (Coordinated Accelerator Research in Europe)
- ↳ 9 laboratories (CEA, CERN, FZJ, GSI, IAP-FU, INFN-Mi, IN2P3 Orsay & Grenoble, RAL) joining efforts in the R&D for pulsed linacs 3-200 MeV (RT and SC), for the design of new injectors for 3 laboratories: CERN, GSI, RAL.

- **August 2003: E.U.'s reviewers strongly support HIPPI and recommend the allocation of 90 % of the requested 4 MEuros**
- **September 2003: finalization of the contract document**
- **January 2004: start of E.U. support**



ISTC programmes: OK

- 3 subprojects prepared:
 - BINP (Novossibirsk) & VNIITF (Snezhinsk): CCDTL & SCL
 - ITEP (Moscow) & VNIIEF (Sarov): Alvarez DTL
 - IHEP (Protvino) & VNIIEF (Sarov): RFQ DTL
- BINP/VNIITF proposal is supported by Brussels: programme start before end 2004 (550 k\$)
- The 2 others have been forwarded too late (holidays + bureaucracy); start expected in Spring 2004 if all goes well ...

Observation: obvious political support at the highest level



PSB potential improvement: late

- No detailed demonstration of the potential benefits of linac 4 for the PSB: too little CERN resources invested.
- Support being negotiated with RAL

Comment: computed evidence of the benefits for the PSB are crucial for an approval



CONTEXT: very positive !

- Support is visible from outside (E.U. attitude, both in the F.P. 6 and with ISTC, French efforts on IPHI, Russian enthusiasm for the SPL programme)
- In his analysis of the future of CERN, at the occasion of the anniversaries of the discovery of the neutral currents and of the W & Z bosons, L. Maiani has publicly declared that the SPL is the next machine to build at CERN after the LHC !

Comment: minds are prepared, but rational thinking has to be converted into decisions and action ...