

Vacuum Testing and Construction Work Plan

- 1) Finishing 6x6cm² dummy vacuum test (end of Feb.2012) - running
- 2) Collect all the existing vacuum parts for the ESR chamber we already have (end of Feb.2012)
- 3) Can we test EXL chamber at the vacuum group (VG) test hall?
 1. What support we can get from VG
 2. What equipment can KVI (Harry) provide
 3. Start the EXL chamber assembly (end of Mar.2012)
- 4) Cleaning the doghouse parts (end of Feb.2012)
- 5) Mounting 2nd small Turbo pump we have on the doghouse to get 10⁻⁵⁻⁶mbar (end of Feb.2012)
- 6) Baking/thermal test of the 1st pocket
 - in EXL chamber?
 - in UHV test stand? (depends on point 3) (end of Apr.2012)
- 7) Finish of the differential pumping scheme for the ESR chamber
 1. block scheme
 2. list of components + alternatives + ORDER (who?: GSI, KVI, TUD...)
 3. interlock to ESR (decision with Holger K.)
 4. Slow control (with Oleg)
 5. 1st test of the whole system (end of Jun.2012)
 - organize meeting end of Feb. (VG, ESR people, us)
- 8) Another (2nd) pocket (principle: with Holger K., design: KVI)

Personel: Brano, Manfred, Oleg, Harry, Thorsten + Peter (financing)