HEC Action Items Still Open
Status 18.9.2000

Lifting beams

- TRIUMF to send one front lifting beam to CERN with shipment September 2000.
- HEC to arrange for 2 front and 2 rear beams for B180. Protvino/ISTC will send one lifting beam in 2001.

Cu material

- I.Soukup and A.Moiseev to correlate the different standards for yield strength in Russia and in the West.

  Status: Work on-going

  Report in November 2000.

LAr purity of cleaning process for CU plates

- Each CU plate production site to provide a small CU slug (1*1*2 cm**3) with two typical, small holes with cleaning agent to Mainz for purity measurement.
- Institutes are reminded the beam test is not an adequate test. Argon/surface ratio much higher than in real cryostat

  Status:

  - **Mainz to test Molniya an d Canada sample**
  - **Dubna, Minsk and Protvino/IHEP to provide samples**

HEC Action Items Still Open
Status 18.9.2000

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Commissioning of assembly and production sites

- ❒ Sites which started production of module parts will be commissionned by at least one other HEC lab:
- ➽ Alberta by MPI
- ➽ Molniya by C.O.
- ➽ Dubna stacking by C.O./H.O.
- ➽ Protvino stacking by C.O./H.O.

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QC of modules at CERN

- ❒ An updated version of the proposal was presented and discussed during the meeting.

- ➽ A group of 5 people (S.Chekulaev, M.Kazarinov, C.Oram(chair), P.Schacht, A.Snesarev) to come up with a proposal what to do with modules when they fail tests at CERN. **November Meeting.**

4 Update (Shorten) CERN QC forms (S.Chekulaev, M.Kazarinov, M.Wielers).

HEC Action Items Still Open
Status 18.9.2000

ATLAS QC data base

- A proposal of the content of HEC quantities has to be prepared.

- The QC coordinator M.Wielers to prepare a proposal and distribute by E-mail within the HEC community.
- To enable this the QC forms of all institutes are to be sent to Monika Wielers.

HEC Action Items Still Open
Status 18.9.2000

Design Review of Wheel Assembly and Rotator

- Two reviews will be held:
  - Overall review with a view to get general agreement from all parties concerned. C.Oram organized the review on 14.10.99 at Marseille.
- C.Oram will distribute list of critical items.
  - Final design review when T6 defined.
- C.Oram will organize the 2nd review (~Feb.2001).

Logistics of HEC installation in B180

- R.Langstaff, M.O'Neill, H.Oberlack, C.Oram to continue to develop schedule / WBS / documentation
- Manpower from Institutes agreed "in principle", needs real names. Proposals for names to be given in September

Module Shipping frame attachment

- Propose T. Hodges (or R.Langstaff), to come up with a proposal to improve the current situation. 2 problems exist in current situation:
  - Only 3 points of contact during shipping (custom or "soft/springy" spacers?).
  - Modules can be bent or spacers imprinted on copper by excessive tightening of bolts connecting shipping frame and module (torque spec required ?)

HEC Action Items Still Open
Status 18.9.2000

Module shipping frame attachment

- ❒ Propose T. Hodges to come up with a proposal to improve the current situation. 2 problems exist in current situation:
  - ➤ Only 3 points of contact during shipping (custom or "soft/springy" spacers?).
- 4 C.Oram to send mail to assembly sites.
  - ➤ Modules can be bent or spacers imprinted on copper by excessive tightening of bolts connecting shipping frame and module.
- 4 T.Hodges: Shim under tie rods to 50 mm.f.

HEC Action Items Still Open
Status 18.9.2000

Schedule of Cold Tests of Modules at CERN

- The cold tests of modules in the HEC cryostat at CERN will become a time critical element. An advance scheduling is necessary. Each test should consist of four modules. They may be of one kind (FRONT or REAR).
- Requests for cold tests:

Date	Lab	Type
Oct. 00	JINR	3 F
	IHEP	1 R
Nov. 00	MPI	4 R
Dec. 00	TRIUMF	4 F

- A detailed scheduling to be finalized during the July'00 LARG week.

HEC Action Items Still Open
Status 18.9.2000

NIM Paper

- ❒ Author list: It was agreed to accept the names of technical people who have made a major contribution to the HEC.
  - ➥ Each lab to provide its author list to P.Schacht by the LARG week in Sept.'00.
  - ➥ C.Oram to clarify which Canadian institutes should sign. It depends on the author lists of the other institutes.
  - ➥ P.Schacht to discuss in TB Anal.meeting

- ✔ A.Kiryunin to study effect of one subgap disconnected.

- ❒ C.Oram, A.Snesarev, V.Sulin: Distribute report on study of dirt effect in cryostat.
- ❒ C.Oram/H.Oberlack to write up procedure for traveller and reviewer.
- ❒ MPI to put QC documentation for electronics on the web.

- ✔ P.Vincent to make proposal how to locate the position of an HV error on an electrode (Sept. '00).

- ✔ H.Oberlack to issue a new CT/TB list.