HEC Action List

- Lifting beams:
  - TRIUMF to send 4 front + 4 rear to CERN (in manufacture in Canada).
  - Protvino/ISTC will send one lifting beam in 2001 (to be confirmed by S. Denisov).
  - Dubna sending 2 lifting beams
- LAr purity check for copper plates.
  - Dubna(Minsk) to provide samples.
  - Alberta/China to provide samples (with inclusions).
- Commissioning of assembly/production sites.
  - Dubna stacking CO/HO.
  - Protvino stacking CO/HO.
  - Minsk copper Alberta/CO/HO.
  - Artemi & Mikhail to propose date

HEC Action List

- Copper production.
  - Roy send Email accepting low yield strength copper.
  - Non-conformance report from Protvino(IHEP) on 2 copper plates.
  - Protvino(IHEP) Revised schedule allowing for production of ½ length rear modules for scheduled test (à la Horst's cold test schedule).
- Damaged EST's.
  - Vladimir Sulin to collect information from sites.
- Oram to create "list box" for HEC

HEC Action List

- Module stacking & progress reporting.
  - Bi-weekly reports to report need for materials.
    - TRIUMF ✓✓✓.
    - Alberta ✓✓✓.
    - Dubna ✓✓(lose one ✓ for lack of frequency).
    - MPI ✓✓✓.
    - LPI ✓✓✓.
    - Protvino(IHEP) ✓✓✓.
    - Protvino(ISTC) please start reports!
  - PPT project progress tracking.
    - CJO proposes to do using bi-weekly reports… if I get them.
      - If not you can expect to get a request directly from PPT!
      - I propose to send sites my excel sheet to check my reporting/understanding is accurate.

HEC Action List

- Module cold tests.
  - Miscellaneous matters.
    - Consider turning modules before cold test.
    - Consider cold test a 3/9 O'clock
    - Dirt study in cryostat, CO to distribute.
    - PS to write up procedure for traveler and reviewer of CT.
    - CO to provide stamp "ready for assembly."
  - Actions on 'failures' of module in cold test.
    - CF01 Dubna replace faulty calibration bundle. Gap 1 ONLY to be restacked.
    - Cf03/04: S.Chekulaev to check and make proposal.
    - CR26 MPI to restack.
    - CR29/30: Protvino to do 3 day HV test in fall.
    - CT09 S.Chekulaev to make proposal.
    - Consider a re-test of a module or modules to determine if CT is finding problems or just introducing them.

HEC Action List

- QC & data bases.
  - Monika to write database, MPI to specify initial queries.
  - Monika to put QC documentation into EDMS.
- Design review rotator etc.
  - CO Respond to any recommendations.
- B180 logistics.
  - Langstaff, Schacht, Soukup, & Oram to:
    - Continue to develop schedule /WBS/ documentation… once equipment in manufacture.
    - Finalize wheel assembly note.
    - HO finish cabling note.
- Finance measuring equipment in B180.
- HV P/S for B180 of ATLAS type “confirm”.

Manpower for Wheel Assembly @ CERN

Mechanics Chief Roy Langstaff	MPI Heintz	LPI Sulin	Dubna 3 names provided
	TRIUMF Hoyle	Dubna 3 names provided	Protvino Konstantinov & Popov

Electrical Chief Wolf D. Cwienk	MPI Fischer, Mooshofer, & Huber	LPI Snesarev	?
	TRIUMF Vincent	Protvino Zviagintsev & Antonov	Mainz Othegraven & Geib

Items to be Exchanged

LPI: CLK from TRIUMF (as in acknowledged mail request to Andrei)

MPI:

PAD front + Copper 2 modules	ASAP
PAD front + Copper 2 modules	Apr 01
PAD front + Copper 2 modules	Aug 01

Dubna:

2 honeycomb, 3 PAD, 2 EST	Aug 01
2 EST	Sept 01

Harness ??

TRIUMF:

2 Front EST's	ASAP

N Rear EST's (as in acknowledged mail request to Andrei)

Protvino IHEP

2 PAD 2 EST	May 01
2 PAD 2 EST	Sept 01

Protvino ISTC

Depending on copper: 4 PAD+EST+Harnesses