IHEP Status Report

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Module Production and Assembly

The comments of H. Oberlack, C. Oram and H. Laskus, made after their visit to the IHEP workshop, are translated in Russian and are under study by the workshop personnel.

1. **Modules CR17 and CR20 produced in the framework of the ATLAS Agreement 36/99 are finally sent to Munich on April 12.**
2. **Modules CR22 and CR23 are in production. The rough machining of sides and surfaces of copper plates is already done and the final machining of sides is started. The state of the plates readiness — 20 %.**
3. **The new technology of the tie-rod production from calibrated rods, produced by a Finnish firm, is under developing. R. Langstaff permitted to use this new stainless steel for HEC modules. The production of other stainless steel details for two modules will be started in May.**
4. **We have got honeycomb mats for two modules from LPI. A. Snesarev promised to prepare PAD and EST electrodes for one module in the middle of May.**
5. **Two shipping frames are in production in our own workshop.**

Time Schedule for Modules CR22 / CR23

- **Start stacking — at the beginning of June**
- **Both modules assembled and tested — by August**
- **Brought to CERN — in the middle of September**
- **Cold test of (at least) one module — in October:**
  - **need understanding of module performance before serial assembly at IHEP in January-March 2001**
  - **availability of IHEP people at CERN in September-October 2000**

Clean Room Status

The comments made by H. Oberlack, C. Oram and H. Laskus after visiting the stacking site are translated in Russian and are under study.

- **The air-conditioning system was working stable during all period of stacking the ISTC modules:**
  - **humidity in the room can be kept below 45 % when raining outside,**
  - **temperature — below 23°C,**
  - **contamination by dust — about 80/liter (if size of dust > 5 μm)**
- **After stacking of the ISTC modules some cosmetic improvements of the dust free rooms are planned.**