LPC Clermont-Fd IN2P3-CNRS Universités Blaise Pascal		TJNAF Electron detector		Service Mécanique Meeting report
Author : DAUDON	**Date :** 13/10/2006	**Modified on :**26/10/2006 **By :** Daudon	**Validated by :** xxx **on :** 00/00/0000	Réf : TJN-DetE-R1.A ID : I-000000

12/10/2006 Meeting report

Object : Experiment set-up and progress, detectors status.

Sharers list : P. Bertin, M. Brossard, F. Daudon, A. Gavalya, S. Nanda.

Discussions :

- Photon detector and vacuum chamber status :
  - Dimensions on drawing TJN-DetE-D01 and D02 are OK.
  - To prevent problems with photon detector at 12 Gev, lower flange of vacuum chamber must be as high as possible; we propose to modify the upstream tube of the box so that it will be reduce in diameter to 4", made in 2 parts with a very short one on the box-side and goes up as high as possible with the beam interaction.
  - The flange on the box for vacuum pump has to be validated. Drawing TJN-DetE-D01 give the principle for it. TJNAF team will get informations on this point.
- Vacuum chamber alignment process :
  - Spec TJN-DetE-S2 give the alignment principle, it will be updated for more precision.
  - Pins are foreseen on the upper flange to insure a good positioning when it is moved off.
- Motor for vertical movement :
  - Slow control will be made by 'Sue witherspoon' instead of Alex Cansonne.
  - Mechanical motor characteristics will be put the web site to help its choice. A spec on vertical movement and motor will be write and put on the web
- Detectors Canberra order status:
  Communication between US Canberra and France firm is on rail. France is waiting for order confirmation. The next step will be final design.

Decisions and actions to drive :

- F. daudon will propose a drawing of the box with the lower flange as high as possible. See next version of drawing D01 and D04
- Alignment specifications S2 will be updated.
- A. Gavalya will verify dimensions and positions for the vacuum flange on the box.
- Technical spec on motor and vertical movement will be put on the web site on spec S6.
- M. Brossard is waiting technical spec from Canberra to validate fabrication.

These actions will be done for the next meeting

Next meeting : I propose from 6 to 9 of November.