

Minutes of the meeting CLIC Civil Engineering and Services (CES)

No.7 – 12 November 2008

Present: T.Touze (TS/SU), C.Martel (TS/CV), J.Osborne (TS/CE), C.Hauviller (TS/HDO), K.Kershaw (TS/HE), H.Braun (AB/ABP), F.Corsanego (SC/GS), S.Weisz (TS/ICC)

Via WEBEX: A.Enomoto (KEK), V.Kuchler (FNAL)

1. APPROVAL OF MINUTES OF PREVIOUS MEETING – 13 AUGUST 2008

The minutes of the previous meeting were approved without comment.

2. OUTSTANDING ACTIONS FROM PREVIOUS MEETINGS :

- The CLIC project needs to have a new co-ordinate system developed which refers back to the CERN co-ordinate system (CCS). (*Action H.Mainaud Durand to make a proposal*)
- The heat dissipation levels received from the CLIC experts seem very high, if compared to similar machines. (*Action H. Braun to contact CLIC experts and TS/CV to better understand the heat loads*). *C.Martel will provide updated figures on the expected and actual heat loads measured in LHC. Especially where we have warm magnets in the transfer tunnels.*

3. PLANNING FOR THE ILC08 CHOCAGO WORKSHOP

Vic Kuchler presented the planned schedule for the upcoming ILC meeting at Chicago. One session will be dedicated to the CLIC/ILC Collaboration efforts.

4. JOINT SAFETY DOCUMENT FOR ILC/CLIC

It is planned that a joint safety document for ILC and CLIC will be developed as part of the collaboration effort.

Fabio Corsanego advised how safety aspects could be handled with respect to the regulations in force, in particular those related to fire. The example of having overhead ducts to provide fresh air and extraction (including smoke) was presented.

Sylvain presented a draft layout for the document which was discussed.

Claude Hauviller pointed out that new linear collider tunnels should incorporate a video surveillance system similar to the 'TIM system' in LHC.

A. Enomoto pointed out that for the moment the safety chapters in the ILC RDR had concentrated on the underground aspects, rather than a more 'global' safety document.

Vic Kuchler suggested rather than trying to produce a definite document for safety aspects on 'Linear Colliders' it might be better if this exercise was used more to collect safety data on similar projects that have been, or are currently under construction in the physics world eg LHC, XFEL etc.

The scope of the document needs to be better defined (Action CES)

5. AOB

Nothing to report.

6. NEXT MEETINGS

The next meeting of the CES is scheduled on **Wednesday 10 December at 14:30** in conference room **112-4-C17**. The draft agenda is :

- CLIC Cooling
- AOB
 - 2009 meetings