

DRAFT

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ILC 08

Working Group 5 - Conventional Facilities and Siting (CFS) Agenda and Goals for Parallel Sessions

Monday, 17 November 2008

Morning Sessions - Process Cooling Water and HVAC Review

Session Description: This session will be used to review the current status of the ILC Process Cooling Water and HVAC design focusing on alternative designs investigated with respect to Configuration and Value Engineering efforts to date. It is intended that representatives from Working group 1 as well as representatives of the HLRF and LLRF efforts and Project Management participate in this session in order that a consensus is reached on Process Cooling and HVAC criteria and design configuration for the Technical Design Phase. Estimated attendance 15-20.

Session Objective: Select one of the alternatives presented as the baseline to be included in the Technical Design Report (pending Klystron Cluster R&D results).

- 8:30 – 8:45 Overview of Work to Date (V. Kuchler)
- 8:45 – 9:30 VE and Design Status (E. Huedem)
- 9:30 – 10:00 HVAC Design Status (L. Hammond)
- 10:30 – 11:00 VE and Design Status KEK (A. Enomoto)
- 11:00 – 11:30 Process Cooling for CLIC (I. Golfin)
- 11:30 – 12:00 General Discussion with PM's

Afternoon Sessions - Klystron Cluster Design

Session Description: This session will be used to review the Klystron Cluster alternative for HLRF equipment distribution and its impact on CFS regional design options. Current work to date will be presented. It is intended that representatives from Working group 1 as well as representatives of the HLRF and LLRF efforts will participate in this session. Estimated attendance 10-20.

Session Objective: Establish an understanding within the technical groups of the CFS design and cost savings associated with this Klystron Cluster alternative.

- 13:30 – 14:15 Overview from FNAL (T. Lackowski)
- 14:15 – 15:00 Overview from KEK (A. Enomoto)
- 15:00 – 15:45 Overview from CERN (J. Osborne)
- 15:45 – 16:00 Overview of Cost Impact (P. Garbincuis)
- 17:00 – 18:00 Discussion

Tuesday, 18 November 2008

Morning Sessions - ILC Collaboration Efforts

Session Description: This session will be devoted to discussing the current status of collaboration efforts between the ILC CFS Group and the CLIC and XFEL Projects. We will identify design elements common to both efforts and develop plans for the coming year that will effectively utilize resources to achieve common design solutions where applicable or analyze useful distinctions in different criteria and design solutions. It is intended that representatives from the CLIC and XFEL Projects will participate in the appropriate session as indicated below. Estimated attendance 10-15.

Session Objective: Develop plans of action with milestones for the ILC/CLIC and ILC/XFEL collaboration efforts in the coming year.

- 8:30 – 9:15 Short Status Report and Discussion ILC/CLIC Collaboration (J. Osborne)
- 9:15 – 10:00 ILC/CLIC Planning for the Coming Year - Discussion
- 10:30 – 11:15 Short Status Report and Discussion ILC/XFEL Collaboration (V. Kuchler)
- 11:15 – 12:00 ILC/XFEL Planning for the Coming Year - Discussion

Afternoon Sessions - Minimum Machine Design w/Respect to CFS

Session Description: This session will be used to review the Minimum Machine Design document and determine a plan for the input required from the CFS Group for the Technical Design Phase of the project. It is anticipated that this will be a combined session with Ewan Patterson's group as well as representatives from Working Groups 1-4. Estimated attendance 25-30 ?.

Session Objective: Identify specific tasks and milestones for CFS evaluation of the Minimum Machine Design concept and how it might be included in the TDP process.

- 13:30 – 14:30 Overview Presentations (led by N. Walker and E. Paterson)
- 14:30 – 15:30 General Discussion of Technical and CFS Issues
- 16:00 – 17:00 Planning for CFS Effort Part I (subgroup discussion)
- 17:00 – 18:00 Planning for CFS Effort Part II (full group discussion)

Wednesday 19 November 2008

Morning and Afternoon Sessions - Alternate Site and Tunnel Configuration

Session Description: All sessions will be devoted to the efforts for alternative siting and tunnel designs. Current status of the work for alternate Main Linac configurations will be reviewed and plans will be developed for the coming year to ensure an adequate program is put in place to fully analyze and evaluate the design, siting and cost impacts of the various alternatives. Efforts for the impact of the Minimum Machine Design will also have to be taken into consideration in the planning of work. It is intended that this session will be a CFS Group meeting with minimum attendance by other Working Group members. Estimated attendance 10-15.

Session Objective: Develop the CFS plan to evaluate all tunnel configuration alternatives with specific emphasis on what can be completed by the AAP Review in April, 2009 and through 2010.

- 8:30 – 9:15 Status Report FNAL (T. Lackowski)
- 9:15 – 9:45 Status Report KEK (A. Enomoto)
- 10:30 – 11:00 Status Report JINR (G. Shirkov, N. Delov)
- 11:00 – 12:00 General Discussion
- 13:30 – 14:30 Planning for AAP Review - Discussion
- 14:30 – 15:30 Planning for AAP Review - Discussion
- 16:00 – 17:00 Preparation for CFS Plenary Summary
- 17:00 – 18:00 Preparation for CFS Plenary Summary