CFS / Global Systems 26 August 2009

1. PM Report (Marc – 10 minutes)

2. CFS Report (Vic, John and Atsushi - 30)

- 1. Brief update on AD & I central region layouts these were sent out Friday 21.08. Agenda for Daresbury AD I meeting 3-4.09.09.
- 2. Preparation of linac tunnel configuration comparison review scheduled for mid- September
- 3. Preparation of the JINR / GDE joint publication
- 4. CES activity and specific CLIC / ILC collaboration activity John
- 5. KEK CFS activities general report Atsushi
- 6. Safety egress presentation for Albuquerque
- 7. Preparation for the AAP review in January.

DESY 9mA test preparation and run plan (John - 20)

• Priority: Planning for ALCPG09

- Tuesday afternoon plenary:
 - SNS, CLIC, ?, PM report and general meeting with Detector/ Physics group
- Wednesday morning plenary 'AD & I' Session (90 minutes)
 - Availability, Single tunnel Safety and 'SB2009 Proposal'
- Wednesday after morning break Friday afternoon
 - Parallel sessions \rightarrow Please organize
- Friday after afternoon break 'AD & I' Session (90 minutes)
 - Wrap-up
- Saturday Plenary summaries each WG.

ALCPG09 GDE Strawman agenda

A		Tuesday	Wednesday	Thursday	Friday	Saturday
ric	8.30 - 10.00	Joint Plenary	GDE Plenary Accelerator Design & Integration	WG's parallel Peter G - sources	WG's parallel Peter G - Main Linac	GDE Plenary WG summaries
S	10.00 - 10.30	Break	Break	Break	Break	Break
	10.30 - 12.00	Joint Plenary	WG's parallel	WG's parallel EC Gov & PIP	WG's parallel EC Gov & PIP	Joint Plenary GDE summary LCWS summary
	12.00 - 13.30	EC lunch	EC lunch	EC lunch	EC lunch	
	13.30 - 15.00	GDE plenary CLIC, SRF, XFEL etc Special Det. Session - machine parameters	WG's parallel Peter G - damping ring	WG's parallel Peter G - BDS	WG's parallel Peter G - CFS	
	15.30 - 16.00	Break	Break	Break	Break	
	16.00 - 17.30	GDE Plenary PM's & TAGL's goals, organisatiion etc	WG's parallel Panel discussion	WG's parallel	GDE Plenary Accelerator Design & Integration	

WG's: Sources, BDS, Damping Rings, Main Linac, CFS, Beam Dynamics (?)

Timeline

• 3-4 September ADI/CFS Meeting (Daresbury)

- Finalise CFS SB2009 layout drawings
- Review CRI layouts / solutions / CAD3D

• 29.09-03.10 ALCPG (Albuquerque)

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- Review results of May Action Items
- Reports from AvTF and tunnel safety (CFS)
- Review cost increment estimates
- Identify and resolve outstanding SB2009 issues
- Achieve agreement on what goes into Proposal Document
 - Agree on Proposal Document outline, scope and writing assignments
- Communication with Phys & Detector community

• 1st week Dec. 2nd AD&I meeting @ DESY (tbc)

- Final review / editing of Proposal Document
- Resolution of remaining issues from ALCPG
- Final action items towards producing final Proposal Document.

End Dec. Proposal Report to EC/AAP

- Need to set a drop-dead date which takes into account the Christmas Holiday period.
- Friday December 18 would be two-weeks after 2nd ADI meeting

• 4-6.01.10 2nd AAP review

• 26-30.03.2010 LCWS (Beijing)

- Consensus agreement on TD Phase 2 baseline for TDR cost estimation August 26, 2009 ncluding feedback from AGFS AGIO (PM report).



SB2009 Proposal Document

1 Introduction 2 Overview of Proposed Modifications with respect to the RDR Baseline 3 SB2009 Proposal 3.1 Parameters 3.2 Injectors 3.3 Bunch Compressor 3.4 Main Linac 3.4.1 Single tunnel 3.4.2 DRFS 3.4.3 KCS 3.5 BDS / MDI 3.6 CFS solution **4** Cost increment 5 Risk 6 Remaining Issues 7 Appendices 7.1 AvTF report (white paper?) 7.2 Tunnel Safety

August 26, 2009

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CFS / Glo (PM report)

PM Issues

- 'Re-evaluation of baseline gradient' 01.04.10
 - Plan due for AAP
- Planning for CLIC / ILC collaboration
 presentations
 - ALCPG09 / CLIC09
- CFS RD Plan items \rightarrow
- Preparation of Dubna site study report

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- CFS report has 3 components:
 - AD & I activities in collaboration with AS and Ewan
 - R & D Plan Value Engineering work
 - Tunnel configuration alternates study now in process
 - (Water system completed)
 - Surface building to be done
 - Integration and Collaboration
 - Promoting links to site-specific activities (Dubna, KEK, ...)
 - CLIC and XFEL collaboration
 - Focus: Geotechnical design and safety analysis

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CFS / Glo (PM report)