

ILC-SCRF WebEx Monthly Meeting

April, 7, 2010

Agenda

1. Report from PMs
2. Report from Group Leaders
3. Special Discussions
 1. S1-Global test plan and EU and AMs participation
 2. Baseline Assessment Workshop (BAW), September
 1. Cavity Gradient, HLRF w/ single tunnel
 3. Industrialization workshop prior IPAC-10

Report From PMs

- SCRF Technical Area: Plan in 2010
 - ILC-GDE SCRF webex meeting, April 7, 2010
 - TTC meeting at Fermilab: April 19 – 22,
 - Next SCRF webex meeting (May 7, Friday)
 - Shift two days, because of “Golden week in Japan”
 - ILC-PAC at Valencia: May 12 – 13,
 - Cavity Industrialization meeting: May 23,
 - IPAC at Kyoto: May 24 – 28,
 - S1-Global test (cooling) start: June 2010

 - Baseline Assessment WS Sept. 8 – 10 (11)
 - HLR/Single-Tunnel: Sept. 8 – 9
 - ILC Gradient: Sept. 10
 - Just in case, if necessary, backup: Sept. 11 (half days)
 - Prior to Linac 10 : Sept. 12 - 17

Top-Level Change Control (TLCC)

- Process by which specific themes from SB2009 will be developed and refined
 - Extension of established AD&I process
- Formal acceptance as part of TD Phase 2 baseline
- Open and transparent process

TLCC Process

Issue Identification

- Planning
- Identify further studies
- Canvas input from stakeholders
- ...

Baseline Assessment Workshops

- Face to face meetings
- Open to all stakeholders
- Plenary

Formal Director Approval

- Change evaluation panel
- Chaired by Director

keywords: open, transparent

TLCC Process

Baseline Assessment Workshops

- Face to face meetings
- Open to all stakeholders
- Plenary

- Open plenary meeting
- Two-days per theme
- Two themes per workshop
 - Two four-day workshops
- Participation (mandatory)
 - PM (chair)
 - ADI team / TAG leaders
 - Agenda organised by relevant TAG leaders
 - Physics & Detector Representatives
 - External experts
- Achieve primary TLCC goals
 - In an open discussion environment
- Prepare recommendation

TLCC Process

Beamline Assessment Workshops

- Face to face meetings
- Open to all stakeholders
- Plenary

Physics and detector input / representation mandatory

	When	Where	What
WAB 1	Sept. 2010	KEK	1. Accelerating Gradient 2. Single Tunnel (HLRF)
WAB 2	TBD	TBD	3. Reduced RF power 4. e+ source location

Remaining Issues

- Relationship to R&D
 - Identifying relevant milestones for TLCC
 - Defining “Acceptance Criteria” (PM responsibility)
 - Remaining R&D beyond TLCC (risk-mitigation)
- Planning & Logistics
 - Being open and transparent enough
 - Canvassing (and dealing with) input
 - Beyond physical presence at the BAWs

Two Imminent Reports

- TD Phase **Interim Report**
 - To be published: now delayed to **end of 2010**
 - General status report
 - Terse!
 - Upbeat publication (outreach, **communicators**)
 - Photos
 - Results
 - ..
- TD Phase **R&D Plan Release 5**
 - To be published in **June 2010**
 - Resource tables update in May for FALC RG
 - More detailed planning for TD Phase 2
 - Major update (re-write) expected
 - Main report body – PMs
 - Appendix B sections – TAG leaders

Considerable amount of work which will require careful planning.



A Satellite Workshop at IPAC-2010

Industrialization of SCRF Cavities

Date : Sunday May 23, 2010 prior to IPAC-2010

Place: Kyoto International Conference Center

Organized by: ILC-GDE Project Managers

Objectives and Plan:

- To discuss and exchange information on status and preparations for the 'ILC SCRF Cavity' industrialization between industries and laboratories,
- Current regional industrialization efforts will be reported by laboratory representatives; reports on industrial studies and relevant industrial experience will be presented.

Second Announcement sent/made to major cavity vendors, laboratories and other related industry groups



A Satellite Workshop at IPAC-2010

- Introduction: [ILC – GDE, 2 talks] 09h00-09h35
 - This session will provide an introduction, state the workshop goals, the ILC production model, and present the current status of ILC Cavity development
- Industrialization Experience at European Laboratories [2+] 09h35-10h30
 - This session will discuss the status of the XFEL production planning, and lessons learned from the CERN LHC experience
- Coffee/Tea break 10h30-10h45
- Laboratory Plans in the American and Asian Regions [2+] 10h45-12h15
 - This session will present the current laboratory directed cavity production efforts in the Asian and American regions. It will include for example a discussion of the business models in use in each region and the manner in which knowledge is transferred between industries and laboratories.



A Satellite Workshop at IPAC-2010

- Lunch Break 12h15-13h15
- Industrial Experience / Studies / Advice [5+ talks] 13h15-15h30
 - These talks are expected to cover industrial experience on similar large international projects, ILC production studies as performed in industries, and comments from industrial groups in several regions on the general status of the cavity and related industries in their respective regions.
- Coffee/Tea Break 15h30-16h00
- Comments from Material Suppliers [1+] 16h00-16h30
 - The material vendors will comment on the state of the industry, needs for scale up, and meeting ILC production needs.
- Discussion 16h30-17h15
- Summary [ILC-GDE] 17h15-17h30



A Satellite Workshop at IPAC-2010

- Confirmation of speakers and program will occur in the next weeks
 - An announcement will be sent afterwards
- Registration will be required due to the room size and numbers of lunch (boxes) to be reserved.
- We look forward to your participation

ILC-EDMS – Next Steps

- Summary of discussion held at ILC10
 - Present: Lars Hagge, Nick Walker, Marc Ross, Jean-Pierre Delahaye, Ewan Paterson
 - DESY EDMS team to play central role in consolidating TDR documentation
 - See slide 3
 - ILC-EDMS WBS will be set-up similar to the cost breakdown currently being developed by PHG
 - By DESY team
 - TDR relevant (baseline) documentation will be requested from TAG leaders
 - Staged approach
 - Begin with top-level parameters, including luminosity parameter sets
 - Walker to coordinate – DESY team to upload to ILC-EDMS.
 - Modifications to ILC-EDMS (by DESY team)
 - Better (public) web access to released documents
 - Improved web-interface
- } Public web access to documentation
(no ILC-EDMS account required for read-access)

ILC-EDMS Document Access

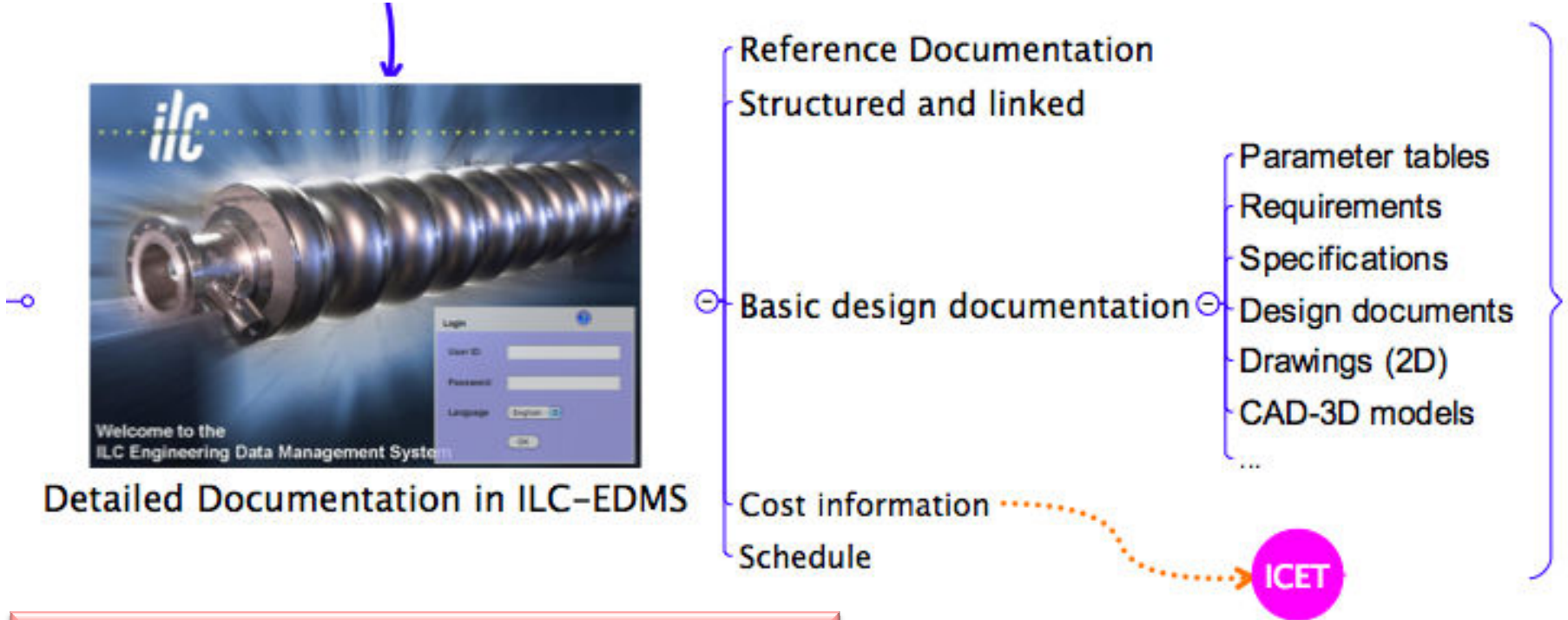
- Public technical documents available to 'the World' via web interface
- Non-public documents (cost etc.) will still required ILC-EDMS account
- Upload, release, sign-off etc. will still require ILC-EDMS account

Open and easier public access (web)

Non-public documents internal only to ILC-EDMS system

Workflow etc.

TDR – what is it?



Detailed Documentation in ILC-EDMS

Provides traceability

Released documentation

All relevant design documentation over next two years

ILC-EDMS

- Establishing a WBS / BOM
- Relationship to cost data (ICET)
- What are the mandatory documents?
- Organisation – documentation team?