



TEB webex meeting

John Carwardine

22 June 2012



Agenda

- **Management items (John)**
 - General updates, status of submissions
 - Principle Editor assignments for each chapter
 - Editing workflow – where to find the files
- **Editorial topic: CFS chapter, TDR-2 (Phil)**
- **Editing updates, chapter by chapter (Editors)**
- **Issues, action items (All)**
 - Schedule for Editorial topics for upcoming meetings
 - TEB review at EC face-to-face meeting, 12-13 July



- **Weekly TEB meetings**

- Work on editing issues
- Editorial discussion on specific chapter or topic, prepared by the Primary Editor

(there is a conflict with the Friday 13:00GMT slot, so we need another slot)



- **Additions to Editorial team**

- Kauro Yokoya will join Editorial team for TDR-2
- Chris Adolphsen will assist Akira with SCRF chapters (in place of Jim Kerby)
- Additional support from Mike Harrison
- Brian Foster and Nobu Toge will join later



Primary Editors by chapter, partially updated (22 June)

| Ch | Sect | Heading | Pages | Author | Editor |
|----|------|---|------------|--------------------------|---------------------------------|
| | | PART I: ILC R&D in the Technical Design Phase | 280 | | <i>Elsen, Hayano</i> |
| 1 | | Introduction | 10 | Walker | Hayano |
| 2 | | Evolution of the ILC design in the Technical Design Phase | 10 | Walker | Elsen |
| 3 | | Superconducting RF technology | 95 | Yamomoto | Elsen |
| 4 | | Beam Test Facilities | 70 | [Editor] | Hayano |
| 5 | | Accelerator Systems R&D | 70 | [Editor] | Elsen |
| 6 | | Conventional Facilities and Siting Studies | 10 | Kuckler | Harrison |
| 7 | | Post-TDR R&D | 10 | Ross | |
| 8 | | Summary | 5 | Walker | Elsen |
| | | Part II: The ILC Baseline Reference | 337 | | <i>Phinney, Yokoya, Burrows</i> |
| 1 | | Introduction and overview | 5 | Paterson | Toge (Walker) |
| 2 | | General parameters and layout | 15 | [Editor] | Toge (Walker) |
| 3 | | SCRF Linac Technology | 39 | Yamomoto | Adolphsen / Nantista |
| 4 | | Main linac layout for a flat topography | 7 | | Adolphsen / Nantista |
| 5 | | Main linac layout for a mountain topography | 7 | | Adolphsen / Nantista |
| 6 | | Electron source | 10 | Sheppard | Phinney |
| 7 | | Positron source | 20 | Gai | Phinney |
| 8 | | Damping Rings | 25 | Guiducci | Phinney |
| 9 | | RTML | 20 | Solyak | Phinney |
| 10 | | Beam Delivery System and MDI | 25 | Seryi | Burrows |
| 11 | | Global Technical Systems | 26 | | |
| 12 | | Commissioning, Operations, and Availability | 15 | Ross | |
| 13 | | Conventional Facilities and Siting | 38 | Kuckler | Burrows |
| 14 | | Upgrade options | 20 | [Editor] | Toge (Walker) |
| 15 | | Scope of post-TDR engineering (tech. risk assessment) | 20 | Ross | Toge (Walker) |
| 16 | | Project Implementation Planning | 20 | Harrison | Burrows |
| 17 | | Cost and Schedule | 20 | Dugan | Phinney |
| 18 | | Summary | 5 | Walker | Toge (Walker) |



Available for editing – TDR1

| # | Subject | Content Author | Content Editor | Editing status | Source file | Figure list | In SVN | Pdf file |
|---|--|------------------|----------------|--------------------------|----------------------|-------------------------|--------|---------------------|
| TDR1 - 2.Evolution of the ILC design ... (1) | | | | | | | | |
| <input type="checkbox"/> | 250 Section: All Sections | Nicholas Walker | Eckhard Elsen | Received (partial/draft) | TeX | figures | Yes | |
| TDR1 - 3.SCRF (5) | | | | | | | | |
| <input type="checkbox"/> | 199 Section: Cryomodule, cryogenic thermal balance, and quadrupole R&D | Paolo Pierini | Eckhard Elsen | Received (partial/draft) | TeX | missing | Yes | pdf |
| <input type="checkbox"/> | 117 Section: Overview | Akira Yamamoto | Eckhard Elsen | Received by Forge Upload | Word | figures | No | |
| <input type="checkbox"/> | 196 Section: High-gradient SCRF cavity R&D and the yield evaluation | Rongli Geng | Eckhard Elsen | Received by Forge Upload | Word | figures | No | |
| <input type="checkbox"/> | 194 Section: Development of worldwide SCRF R&D infrastructure | Jim Kerby | Eckhard Elsen | With Editors | Word | figures | No | |
| <input type="checkbox"/> | 201 Section: R&D towards mass-production and design for manufacture | Jim Kerby | Eckhard Elsen | With Editors | | | No | |
| TDR1 - 4.Beam Test Facilities (1) | | | | | | | | |
| <input type="checkbox"/> | 205 Section: Fermilab-NML beam facility | Mike Church | Hitoshi Hayano | Received by Forge Upload | Word | figures | No | |
| TDR1 - 5.Accelerator Systems R&D (2) | | | | | | | | |
| <input type="checkbox"/> | 187 Section: Positron Source | Wei Gai | Eckhard Elsen | Received by Forge Upload | Word | | No | |
| <input type="checkbox"/> | 225 Section: Damping Ring | Susanna Guiducci | Eckhard Elsen | Received by Forge Upload | Word | figures | No | |
| TDR1 - 7.PostTDR (1) | | | | | | | | |
| <input type="checkbox"/> | 209 All Sections | Marc Ross | Hitoshi Hayano | Received by Forge Upload | Word | N/A | No | |



Available for editing – TDR2

| # | Subject | Content Author | Content Editor | Editing status | Source file | Figure list | In SVN | Pdf file |
|--|---|----------------------|-----------------|--------------------------|----------------------|-------------------------|--------|---------------------|
| TDR2 - 02.Layout (1) Collapse all/Expand all | | | | | | | | |
| <input type="checkbox"/> | 100 All Sections | Nicholas Walker | Nan Phinney | Received by Forge Upload | TeX | figures | Yes | pdf |
| TDR2 - 03.SCRF Linac Technology (1) | | | | | | | | |
| <input type="checkbox"/> | 169 Section: RF power source | Shigeki Fukuda | Nicholas Walker | Received by Forge Upload | Word | missing | No | |
| TDR2 - 04.ML layout for a flat topography (1) | | | | | | | | |
| <input type="checkbox"/> | 104 Section: Klystron cluster scheme RF power distribution system | Christopher Nantista | Nicholas Walker | Received by Forge Upload | Word | figures | No | |
| TDR2 - 05.ML layout for a mountain topography (1) | | | | | | | | |
| <input type="checkbox"/> | 105 Section: Distributed klystron scheme RF power distribution system | Shigeki Fukuda | Nicholas Walker | Received by Forge Upload | Word | embedded | No | |
| TDR2 - 06.Esource (1) | | | | | | | | |
| <input type="checkbox"/> | 260 All Sections | John Sheppard | Nan Phinney | Received by Forge Upload | | | No | |
| TDR2 - 07.Psource (1) | | | | | | | | |
| <input type="checkbox"/> | 239 Section: All Sections | Wei Gai | Nan Phinney | Received by Forge Upload | Word | embedded | No | |
| TDR2 - 08.Damping Ring (1) | | | | | | | | |
| <input type="checkbox"/> | 247 All Sections | Mark Palmer | Nan Phinney | Received by Forge Upload | TeX | figures | Yes | pdf |
| TDR2 - 09.RTML (1) | | | | | | | | |
| <input type="checkbox"/> | 252 Section: All Sections | Nikolay Solyak | Nan Phinney | Received by Forge Upload | TeX | figures | Yes | pdf |
| TDR2 - 13.CFS (12) | | | | | | | | |
| <input type="checkbox"/> | 132 Section: Construction Schedule | John Osborne | Phil Burrows | Received (partial/draft) | Word | figures | Yes | |
| <input type="checkbox"/> | 121 Section: Introduction | Vic Kuchler | Phil Burrows | Received by Email | Word | N/A | Yes | |
| <input type="checkbox"/> | 122 Section: European Region siting studies | John Osborne | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 123 Section: Asian Region siting studies | Atsushi Enomoto | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 124 Section: Asian Region civil design | Atsushi Enomoto | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 125 Section: Americas Region civil design | Tom Lackowski | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 126 Section: European Region civil design | John Osborne | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 127 Section: Mechanical Design | Vic Kuchler | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 128 Section: Electrical Design | Randy Wieglos | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 129 Section: Life-safety and egress | Vic Kuchler | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 130 Section: Handling equipment | John Osborne | Phil Burrows | Received by Email | Word | figures | Yes | |
| <input type="checkbox"/> | 164 Section: Installation | Fred Asiri | Phil Burrows | Received by Email | Word | | Yes | |
| TDR2 - 16.PIP (1) | | | | | | | | |
| <input type="checkbox"/> | 114 All Sections | Mike Harrison | Phil Burrows | Received by Email | TeX | figures | Yes | pdf |



Editing workflow: location of source files

<http://forge.linearcollider.org/tdr>

Upload files

For Editors

- Links to source files for all submitted sections **UPDATED**
- Status of submissions by chapter and section (pdf)
- Editing status by chapter and section (pdf)
- Editing status for submitted sections (pdf)

Writing resources for Authors

- Source file for editing, in LaTeX or Word
- TeX: points to the subdirectory in SVN
 - Word: points directly to the Word file
 - Should always point to the latest revision

Points to the relevant section in the Figures browser

Link to pdf file built from TeX for files in SVN

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| # | Subject | Content Author | Content Editor | Editing status | Source file | Figure list | In SVN | Pdf file |
|--|--|-----------------|----------------|--------------------------|-------------|-------------|--------|----------|
| TDR1 - 1.Introduction (1) | | | | | | | | |
| <input type="checkbox"/> | 188 All Sections | Nicholas Walker | Hitoshi Hayano | Not received | | | No | |
| TDR1 - 2.Evolution of the ILC design ... (1) | | | | | | | | |
| <input type="checkbox"/> | 250 Section: All Sections | Nicholas Walker | Eckhard Elsen | Received (partial/draft) | TeX | figures | Yes | |
| TDR1 - 3.SCRF (8) | | | | | | | | |
| <input type="checkbox"/> | 197 Section: Cavity Integration | Hitoshi Hayano | Eckhard Elsen | Not received | | | No | |
| <input type="checkbox"/> | 198 Section: The S1-Global experiment | Hitoshi Hayano | Eckhard Elsen | Not received | | | No | |
| <input type="checkbox"/> | 200 Section: RF power generation and distribution | Shigeki Fukuda | Eckhard Elsen | Not received | | | No | |
| <input type="checkbox"/> | 199 Section: Cryomodule, cryogenic thermal balance, and quadrupole R&D | Paolo Pierini | Eckhard Elsen | Received (partial/draft) | TeX | missing | Yes | pdf |
| <input type="checkbox"/> | 117 Section: Overview | Akira Yamamoto | Eckhard Elsen | Received by Forge Upload | Word | figures | No | |
| <input type="checkbox"/> | 196 Section: High-gradient SCRF cavity R&D and the yield evaluation | Rongli Geng | Eckhard Elsen | Received by Forge Upload | Word | figures | No | |
| <input type="checkbox"/> | 194 Section: Development of worldwide SCRF R&D infrastructure | Jim Kerby | Eckhard Elsen | With Editors | Word | figures | No | |
| <input type="checkbox"/> | 201 Section: R&D towards mass-production and design for manufacture | Jim Kerby | Eckhard Elsen | With Editors | | | No | |
| TDR1 - 4.Beam Test Facilities (6) | | | | | | | | |



Workflow mechanics for editing

- **Accessing the latest files for reading**
 - Download the Word file or pdf build-file from the *Links* page
- **Editing of Word files**
 - Download from the *Links to source-files* page
 - Turn on 'Track Changes' in Word
 - When ready to post a revised document, upload the file from the forge portal
 - *Behind the scenes (MB), the Links page will be updated to point to the new Word file*



Workflow mechanics for editing

- **Editing of TeX files – outside of SVN**
 - Download text source file + pdf build file from the *Links to source files* page
 - Upload revisions via the forge portal
 - *Behind the scenes (MB), the new TeX file will be committed to SVN and a new pdf file built. The Links page will automatically stay in sync*
- **Editing of TeX files – direct interaction with SVN**
 - Retrieve, edit, and commit changes directly with SVN in the usual way
 - The *Links* page will automatically stay in sync



- **Figures and tables are a known issue**
 - Many figures already, most are not good enough for publication
 - We are looking to get additional resources to help
 - Will need input from editors to on prioritizing fix-up



- **EC Review of TDR Preparation**
 - 12-13 July during EC face-to-face
 - ½-day allocated
 - Barry wants to go through some material to give feedback to the TEB

- **Two more TEB meetings beforehand**
 - Which chapters to prepare for discussion?