



TEB webex meeting notes from 23 July 2012 (1/3)

Participants: J. Carwardine (chair), M. Ross, C. Nantista, N. Phinney, P. Burrows, K. Yokoya, M. Harrison, M. Barone, B. List

General

- **Akira:** part of goal of ML meetings is to reconcile CFS/ML info
- **Marc:** please put CFS on TEB agenda for couple of minutes each week

Editing status reports

- **Phil:** ready to start work again on the CFS/TDR2 chapter. Given that CFS is still working on revisions, he proposes to start once the new version is done, rather than going through individual sections that aren't due for additional revisions
- **Chris N:** three sections in TDR2 HLRF have been reworked and submitted for comment. These will be discussed on Wed at dedicated webex meeting on HLRF/LLRF
- **Mike:** CFS / TDR1 editing is finished. Currently working on TDR1-BTF/NML section, cutting down the scope of the text to cover just CM1. He has contacted Elvin to assist
- **Nan:** TDR2 E-Source and P-source editing is finished, Damping Ring is 75% done. There is still no sign of a BTS chapter. Who is working on MDI? Karsten, per KILC plan
- **Kaoru:** TDR1-AS: there is a big overlap between the E+ section of TDR1-AS and the in E+ chapter in TDR2. Text for other sections in TDR1-AS are still in primitive state of writing

Follow-ups

- Maura will convert the edited version of TDR1-CFS to LaTeX
- John do an initial follow-up with Karsten re TDR2-BTS/MDI writing
- Kaoru and Nan should review overlaps between Positron Source material and should in TDR1 AS chapter vs TDR2 P-Source chapter



Meeting notes (2/3) – TDR1-SCRF (Eckhard)

- General
 - All the files are now in LaTeX
 - The material conveys a lot of information
 - Page counts generally ok, except Cavity R&D which exceeds the guidance, but the information is excellent and he is reluctant to cut it down
 - Too many figures are of poor quality
 - There is still a lot of (re-) organisation of the material needed
- Specific comments
 - Overview: too detailed, add some tables
 - Worldwide Infrastructure: repetition of text, he has moved the table of vendors
 - Cavity R&D: lot of information, but exceeds page-count – to cut down or not??
 - Cavity Integration: could be streamlined – content seems focused on completeness rather than on level of importance. There are not conclusion. Should have more (eg couplers)
 - S1-Global: content is at too fine a resolution of detail. There is an exhaustive (lob-sided) coverage of tuner issues. Need to decide which information is infrastructure vs S1 Global.
 - Cryomodule Package: draft form, needs to be updated. Quad section is missing
 - RF power: needs more emphasis on conclusions that drove the design in TDR2
 - R&D Mass prod: incomplete draft – should make better reference to studies of production models – should explain dependencies better
- Follow-up
 - Eckhard plans to distribute his draft edits later this week. A dedicated meeting should be set up once the edits have been distributed (Akira to do this?)
 - Eckhard will assemble a proposed list of R&D conclusion from those included in the text
 - Akira will develop a list of specific conclusions for the R&D. Eckhard will prepare a proposed set of R&D conclusions based on content. Akira to review / update accordingly



Meeting notes (3/3) – CFS TDR2 update (Marc)

The following is copied from Marc's update distributed via email on 17th July

In response to Phil's initial editorial comments (late June), Vic and the CFS team have re-ordered and reworked the Chapter substantially. Their work is not done, unfortunately, but there is progress and this email is my update to you on that.

1. Re-ordering has been done following instructions from the TEB. Vic has written the newly added outline sections and I am satisfied that this approach is an improvement.
2. Sections on: Handling, Survey, Construction Schedule and Installation are now included, thanks to the CERN-based team members and Fred, and are ready for reading. The section on Installation is a bit too brief, but the other three are in good shape. Of course, these sections do not have the duality we have to handle in the Civil, etc sections. Phil should look at these and work with Vic and the authors.
3. We reviewed the Americas and the Asian Mechanical and Electrical sections today at the weekly CFS meeting to try to rationalize the text, tables and figures. The primary authors (Atsushi, Emil and Randy) are to provide consistent tables and figures with proper captions – this is to be done first. We do not expect the two pairs of sections to be transposable, especially in this case, because the content is quite different. But we do expect the tables to be formatted in similar fashion and the figures to be of equivalent quality with equivalent information. Of course the level of detail should be more or less balanced, so that they can be read independently. Also, we certainly don't need to 'copy' tables and figures in these sections – generally. But top-level power consumption / heat load information is mandatory. Information that is common, (e.g. central region), will be extracted, combined, and put into the new sections recently written by Vic.
4. Some figures and tables need to be re-drawn. Also new figures (Americas) and new tables (Asia) are needed. This will take ~ a week (Fermilab) and ? (KEK).
5. Following that, we will do the text next. And then, as a last step before handing it all back to the TEB, we will work to reduce the page – count. I am hoping it all can be well advanced by late next week. Akira, Atsushi, Tetsuo and Masunobu should confirm this is practical to do for the KEK-side.
6. In parallel, we will follow this practice for the three sets of Civil sections. We asked Caroline to help, (John O is on vacation until 23 July). I am hoping to review the content, figures and tables of the Civil sections at next-week's CFS meeting (24 July 1400 CEST). As above, we expect the primary authors to work to make the three sets of sections complete and consistently presented (Tom L, John O, and Masanobu).
7. John and Caroline are to supply the European region Life Safety section. At present we have no text for that section.