

DRAFT: Minutes of ML-SCRF Technology Meeting (120822)

Date & Time:

13:00-14:21 GMT, August 22, 2012, via Webex.

Participants:

R. Geng, C. Ginsburg, H. Hayano, P. Pierini, C. Nantista, S. Fukuda, A. Yamamoto, M. Ross, N. Walker, J. Carwardine, E. Elsen, N. Toge, B. List, M. Barone, C. Pagani, and T. Shidara,

Presentation files are available at the following Indico site:

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=5767>

1) Report from Project Managers (Akira Yamamoto and Marc Ross)

Akira started the meeting by visiting the usual SCRF related meeting schedule, but he expressed his intension to focus on “SCRF related TDR writing status”.

2) Reports from Group Leaders (Hitoshi Hayano and Chris Nantista)

Hitoshi reported that the editing status of the S1-Global report reached at its final stage and he is waiting for final comments from contributors. Since he will present the S1-Global summary at the LINAC12, he would appreciate it to have comments till the end of August.

Chris reported that the installation of the 40-m KCS WG was completed and he is anticipating the operation budget for its high power test.

Marc asked Akira the status of the conduction-cooling split quad test at KEK. The superconducting split quad, which showed instability (field axis movement during its excitation between 20 – 60 %) at Fermilab, was transferred to KEK under Fermilab-KEK collaboration and checked the split yoke part. After refinishing the mating face of the split yoke, the cool-down test started two weeks ago and reached at 4 K in 8.5 days. Excitation, AC ramping and thermal tests will be performed till early September together with an expert from Fermilab.

3) Special discussion on TDR preparation

John showed the TDR preparation timeline. The 1st pass editing will be completed at the end of August, 2nd snapshot for EC on 17 September, and 2nd pass editing will be finished till the end of October. He asked the authors to provide the missing part as soon as possible. Paolo asked which document he should revise and John mentioned again to visit the forge portal (<https://forge.linearcollider.org/tdr>).

Akira visited the TDR Part-1 chapter-3 edited by Eckhard and asked the related authors to make comments. Rongli has already responded to Eckhard’s comments. Akira asked Camille if it’s possible to update the cavity yield plot, but she mentioned that there is no update since last July. Paolo will wait for some information from the ongoing split quad tests at KEK to complement the relevant part. Eckhard requested the authors to visit the most updated document of the TDR Part-1 SCRF-chapter and make comments or revise the part accordingly (www.desy.de/~elsen/tdr1-chapter_scrf.pdf).

Nobu presented the editing status of TDR Part-2 SCRF related chapters (Chapt-3, 4, 5). He urged the authors to visit the edited files which were uploaded to the forge portal (<https://forge.linearcollider.org/tdr>) by Maura. Since many revisions are expected, Marc requested to make to do list by someone (Akira, John, and Nick?) and distribute it to relevant authors.

4) Further Plans and Meetings

ML-SCRF Webex	19 September
LINAC-2012 (Tel Aviv)	10-14 September
ALCPG-LCWS (U Texas-Arlington)	21-24 October