

Draft: Minutes of ML-SCRF Technology Meeting (100407)

Date & Time:

13:00-14:00 GMT, April 7, via Webex.

Participants:

Y. Yamamoto, H. Hayano, N. Ohuchi, T. Peterson, C. Nantista, A. Yamamoto, M. Ross, N. Walker, N. Toge, T. Shidara, J. Cawardine, Z. Conway, C. Ginsburg, J. Kerby

Presentation files are available at the following Indico site:

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=4516>

1) Reports from Project Managers

Akira, Marc and Nick noted that the Baseline Assessment Workshop for SCRF is planned for this autumn, most likely the week before LINAC10. The revision to the R&D plan will occur on the normal timescale this summer, and task leaders should be ready to update their sections of the R&D plan. The Interim Technical Report will be delayed until the end of 2010, and will be terse (!). A full list of upcoming meetings is included at the end of these minutes.

Nick noted that as part of the TDR all supporting documentation will be stored in a single place, and the Baseline Assessment Workshops are an integral part of the TDR process. The document storage will be implemented top down, using the DESY EDMS system, so DESY will define what is required. This will be passed to the group leaders.

The draft Industrialization workshop schedule is confirmed to be on May 23, as a satellite meeting of IPAC to be held at Kyoto International Conference Center, May 24 – 28.

In the next AAP review in summer or autumn, SCRF issues will be main topics; such as the R&D status of the S1-Global and gradient decision. We need to start the preparation for this review.

2) Reports from Group Leaders

1 Cavity Integration

Hitoshi Hayano deferred to the special report on the S1 Global Experimental plan discussed later in the agenda.

1 Cryomodule

Norihito Ohuchi presented the current status of the S1 Global assembly, and noted that the schedule performance over the past 4 months has been exceptional. All collaborators are thanked for their excellent efforts.

1 HLRF

Chris Nantista thanked everyone for the good discussions held at Beijing and noted the progress in the test facilities. The KEK DRFS is developing and will be tested using a two-klystron test system; at SLAC the first big pipe HLRF system has been cleaned and preparations for test are ongoing.

3) S1 Global Test Plan

Norihito Ohuchi revisited the S1 Global plan for the remainder of the year. The schedule is built to the extent possible around various workshops, meetings, and holidays, and all collaborators are invited to attend. In particular participation in low level RF tests in July, coupler processing in August, and then later in the year high level cavity testing, Lorentz detuning studies, and cryomodule heat loads measurements (including dynamic heat loads), and RF system tests were mentioned. Chris and Norihito will talk off line about the possibility of SLAC participation in the coupler aging work. Jim Kerby will discuss the schedule w/ Fermilab personnel to review availability for the proposed tests.

4) Further Plans and Meetings

Next ML-SCRF Webex meeting: May 7, 2010, 13:00- GMT (special time due to holiday week in Japan).

TTC: April 19-22, 2010 (FNAL)

<http://conferences.fnal.gov/ttc10/index.html>

IPAC: May 23-28, 2010 (Kyoto), and a satellite meeting on industrialization on May 23.

<http://www.ipac10.org>

<http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=4530>

Main Linac BAW (KEK) September 8-11, 2010 (tentative)
LINAC10 (Tsukuba) September 13-17, 2010