

DRAFT Minutes of the CLIC project meeting of 01.06.2011

The program and all transparencies can be found here:

<http://indico.cern.ch/conferenceDisplay.py?confId=140982>

- Various news and decisions:

Steinar reports that the CERN MTP 2011 will be discussed at Council in June. A decrease in material budget by ~7% is included with respect to MTP 2010, but should be compensated for by an increase in buying power. The personnel budget is slightly up, with a small positive indexation.

A collaboration board meeting took place 19.5. The agenda was similar to this meeting.

Philip presents news from the C&S WG and the CLIC-ILC WG on general issues. The value and the electrical power consumption have been estimated. The costing has been moved to CDR volume 3, the schedule stays in volume 1.

Erk adds that new power sources have been put forward as a part of EuCard II.

An interim report from the CLIC-ILC WG on general issues is available from Philip.

Daniel reports on beam physics news (see slides for details). The various points are CDR-writing, adjustment of the layout by 120m for the e+/e- path length difference, damping rings, BDS, MDI (muon background), RTML, main linac, and drive beam.

Hermann gives the present CDR status information (see slides for details). Today 34 out of 47 contributions were received but only 12 as 'final' submission, 22 as draft. He shows a possible layout for the CDR cover page and a workpackage list for the CTC.

Roberto shows (see slides for details) the shutdown work, planning and status of CTF3 that got delayed by about 2 month. The latest results show promising results in the CR and a good 4x combination.

John reports from meetings with a consultancy firm and ILD concerning CE for the detector region.

Gerry reports from the 12 GHz klystron installation work. The cathode is suspected to have a misalignment and will be measured next week.

- Overall project objectives and structure towards 2016 (Steinar)

Plans for the actual work 2011-16 have been made and the organization will be adapted in accordance. A work-package list is needed for the planning inside and outside CERN. The activity leaders and the CASC (weekly) will follow up the WPs, the CSC overviews this and reports to the CB (6 month) that can take overall decisions if needed. For the accelerator part, he shows planned changes to the CASC.

The CSC participation is discussed and the meeting could be less frequent than now. Steinar presents the different functions and their representatives.

Reviews are planned regularly every 6 month, furthermore for critical cases and before large spending. A review office leader will need to be found. Steinar encourages people to contact him or send suggestions for changes. Please see slides for details.

- Work-package planning

Roberto shows the workpackage planning in the framework of the foreseen resources. He shows the list and examples for WPs from Beam Dynamics (Two-beam acceleration and integrated dynamic studies), Test Facilities (CTF3 and CLIC 0 injector), Technical Development (two-beam module), and RF Structures (X-band RF structures). Finally, he presents the material and manpower resources planned for the coming years.

Hermann remarks that there is a detailed plan to 2016. He comments that a **more precise plan for after 2017 is needed** to guide the present planning of priorities, for example for CLIC 0 klystrons.

Steinar encourages looking at the detailed WP list and giving feedback to the activity managers or himself.

The CLIC Project Meetings will cover general news and issues. Then important issues from different areas will be presented that can have an impact on other areas to increase the flow of information and to give input for studies covering the whole machine.

- Next steps and Project Meetings for the rest of 2011

Steinar presents the list of future meetings and the topics that can be foreseen as of today.

Roberto comments that the CTF3 slot in October might be too early.

- Action list/critical items for future meetings:

- Develop an initial plan for the period 2017 onwards
- Klystron situation
- TWT repairs in the UK

Frank Tecker, 10.6.2011