



ALICE

29th June 2010

**Minutes of the 28th LHC Resource Review Board Meeting
(CERN, Geneva, 21st April 2010)**

Present

J.D. Hansen (Niels Bohr Institute, Denmark)
S. Kern (BMBF, Germany)
D. Müller (GSI-PT / BMBF, Germany)
G. Vesztergombi (KFKI, Hungary)
J. Viyogi (VECC, India)
M. Basile (INFN and University of Bologna, Italy)
M. Turala (Institute of Nuclear Physics, PAN, Poland)
V. Petrov (Mission, Russia)
L. Sandor (Institute of Experimental Physics, Slovakia)

ALICE

C. Decosse, J. Schukraft, Y. Schutz.

CERN

S. Bertolucci (Chairman), P. Bloch, J. De Groot, R. Heuer, T. Lagrange, S. Lettow, R. McLaren (Secretary), J. Salicio Diez, E. Tsismelis, E. Van Hove.

Scrutiny Group

B. Loehr (Chairman), S. Schmeling.

EVO

D.O. Riska (Helsinki Institute of Physics, Finland)
N. Alamanos (CEA/DSM/IRFU/DIR, France)
T. Csorgo (KFKI, Hungary)
B. Jacobsen (The Research Council of Norway, Norway)
J. Krolikowski (, Poland)
A. Oskarsson (Lund University, Sweden)
A. Medland (STFC, United Kingdom)

Documents can be found in the RRB indico pages; accessible via the LHC-RRB home page
<http://cern.ch/committees/all/welcomeLHCRRB.html>

1. Introduction. S. Bertolucci, Director of Research and Scientific Computing

S. Bertolucci welcomed delegates to the meeting. Many delegates were unable to attend in person due to the eruption of the Eyjafjallajökull volcano in Iceland.

2. Approval of the minutes of the last meeting. S. Bertolucci, Director of Research and Scientific Computing

CERN-RRB-2010-007 (report)

The minutes of the last ALICE RRB were approved without comment.

3. Status of the experiment. J. Schukraft, Spokesperson

CERN-RRB-2010-018 (report) CERN-RRB-2010-019 (presentation)

J. Schukraft gave an account of the events on November 23rd cumulating with the collisions and first events. He described the emotions in the ACR and the first steps of rediscovering the standard model and getting to know the ALICE detectors. The first papers have been published in EPJC 65 (2010) with other papers following. He thanked the Funding Agencies for their unwavering and generous support.

He presented news from the collaboration, welcoming new institutes, and announcing appointments and elections.

Turning to financial matters, J. Schukraft spoke of the UK funding crisis with its potential impact on ALICE, and the possible withdraw of CIEMAT. On a brighter note, he gave details of the funding of the EMCAL extension.

Concerning the status of the detector installation, ITS, TPC, TOF, HMPID, FMD, T0, V0, ZDC, Muon arm, Acorde PMD , , DAQ were complete. Partially installed were TRD (7/18) and the EMCAL (4/10) and PHOS(3/5).

J. Schukraft reported on the activities during the shutdown, highlighting the consolidation and improvements to the SPD cooling, the TPC, the Muon tracking chambers and the SSD.

He summarised the detector status as “all systems up and running and taking data” showing plots of the integrated triggers, the average trigger rate and the ALICE efficiency. A total of 20 TBytes of data had been processed offline with an average of five hours per job. Looking at the new LHC schedule, the required computing resources should be met for 2010; real running experience will help define the needs for 2011 and 2012.

There were no questions arising from this presentation.

4. LHCC Deliberations (paper only). E. Tsesmelis, LHCC Scientific Secretary

CERN-RRB-2010-024

E. Tsesmelis reported that the LHCC considers that ALICE had made excellent progress in all aspects of the experiment and the Committee congratulated the ALICE Collaboration on its achievements.

5. Financial matters. T. Lagrange, Head of CERN Finance and Procurement Department

CERN-RRB-2010-025 (report), CERN-RRB-2010--55 (presentation)

T. Lagrange gave an update to the Financial Report.

For the contributions for the Construction Core Common Fund and Commissioning & Integration he reported that the outstanding contributions from China, Peru and the Ukraine totalled 192 kCHF.

A number of additional contributions have been received for M&O-A totalling 2.8 MCHF. In addition, 105 kCHF had recently been received from the Czech Republic. This left outstanding contributions for M&O-A at 1.1 MCHF for member states and 1,2 MCHF for non-member states.

M. Turala, replacing J. Królikowski, announced that the Deputy Minister of Science and Higher Education, J. Szwed, had agreed to grant all four experiments the funds required to pay both outstanding and future contributions.

6. Construction Budgets. C. Decosse, ALICE Resource Coordinator
CERN-RRB-2010-020 (report) CERN-RRB-2010-021 (presentation)

C. Decosse began with a report on 2009 CORE expenses, recalling that the total budget was 11 MCHF; the total expenditure was 6.4 MCHF. The difference between the two figures is mainly due to the PHOS.

The Cumulative Expenditure from 1997-2009 stands at 150 MCHF and she showed the details by Funding Agency and by system.

The 2010 CORE budget is now estimated at 4.1 MCHF and the 2011 preliminary budget is 1.6 MCHF.

Turning to the Common Fund, C&I (1997-2009) the Resource Coordinator presented the total funds received, those due and the balance in table and graphical form. She then gave estimates for the years 2010-2012.

There were no questions arising from this presentation.

7. M&O Budgets. C. Decosse, ALICE Resource Coordinator
CERN-RRB-2010-022 (report), CERN-RRB-2010-023 (slides)

C. Decosse began with a report on 2009 M&O-A Income, outstanding contributions and expenditures. A total of 5.4 MCHF was invoiced and 4.7 MCHF had been received. Denmark, Armenia, Brazil and Russia have paid their outstanding contributions for 2002-2009. China still has outstanding contributions.

She then gave a breakdown of the expenditures during 2009. The budget, without power, was 4.6 MCHF and the total expenditure was 4.8 MCHF. Due to the long shutdown, the power bill was less than expected and a rebate will be made to NMS. 56% of the 2010 M&O-A incomes and outstanding contributions had been received.

Looking ahead, C. Decosse repeated the preliminary estimates for M&O-A 2011 and for 2012-2014, with details of each category and a breakdown by Funding Agency. These estimates will be discussed with the Scrutiny Group.

The forecast for the M&O-B budgets from 2011-2014 indicates little change and will be updated during 2010.

B. Loehr asked for clarification concerning the M&O-A payments on power. C. Decosse explained that last year's figure was an estimate. When the real figures were known, part of the budget was reimbursed in 2009, but couldn't be updated as the books had been closed by finance.

8. Summary, S. Bertolucci, Director of Research and Scientific Computing

S. Bertolucci summarised that ALICE was working well. Hopefully the situation concerning the difficulties of some of the Funding Agencies would be resolved positively, especially as the interesting physics was just starting.