

IEA Cooperation on The Large Tokamak Facilities

Minutes of the 25th Executive Committee Meeting for
the IEA Large Tokamak Cooperation Programme
9th May 2010, Aix-en-Provence, France

Attendees:

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| M. Mori | (JA) | : Member |
| K. Kamiya | (JA) | : Secretariat |
| | | |
| E. Oktay | (US) | : Member |
| R. Hawryluk | (US) | : Member |
| E. Marmar | (US, remote) | : Alternate |
| T. Taylor | (US) | : Alternate |
| | | |
| F. Romanelli | (EU) | : Member |
| R. Gianella | (EU) | : Member |
| M. Watkins | (EU) | : Alternate |
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| M. Kwon | (KO) | : Member |
| | | |
| C. Pottinger | (IEA) | : Expert |

The Twenty-fifth Executive Committee Meeting for the IEA Implementing Agreement on Cooperation among Large Tokamak Facilities was held at 9th May 2010 in Aix-en-Provence, France. This meeting was held jointly with the ExCo meeting of IEA Implementing Agreement on Tokamaks with Poloidal Divertors (PD).

A. MEMBERSHIP AND CHAIR

The Committee elected Dr. M. Mori as the chairman until the next meeting. Dr. Myeun KWON, Dr. Yeong-Kook OH, Dr. Jin-Yong KIM, and Dr. Woong-Chae KIM are new two executive committee members and two alternate members, respectively, for the Republic of Korea. It is noted that the Government of the Republic of Korea announced that it had accepted the invitation from the Executive Committee of the Implementing Agreement on Co-operation on the Large Tokamak Facilities at its meeting on 22 May 2009 in Culham, United Kingdom, to join this Agreement. The Government of the Republic of Korea accepted the terms and conditions of this Implementing Agreement.

The present members of the Executive Committee are shown in Appendix A.

B. ADOPTION OF AGENDA

The Committee adopted the agenda, which is attached as Appendix B.

C. REPORTS ON THE STATUS AND PLANS OF EACH PARTY

Due to limited time, presentations for status reports from tokamak devices and task reports were skipped, while these reports were distributed to ExCo members. The status reports are attached as Appendix C.

The list of Task Coordinators are appended in Appendix D1. The activities of the Tasks (submitted reports) are attached in Appendix D2. The detailed presentations will be uploaded on the following Web-site;

<http://www-jt60.naka.jaea.go.jp/lt/>

D. REPORTS ON THE COMPLETED WORKSHOPS AND PERSONNEL ASSIGNMENTS FOR JUNE 2009 – MAY 2010

Workshops and personnel assignments completed in the period of June 2009 - May 2010 are listed in Appendix E1. Two workshops on “Key ITER disruption issues”, in parallel to an ITPA MHD Topical Group meeting, (W70), and “8th joint WS of LT, PD and TEXTOR IA's on "Implementation of the ITPA Coordinated Research Recommendations"” (W71) were carried out. The total number of personnel assignments completed in the period was 25. All personal exchanges were for review tours (less than 4 weeks) without any participation of more than 4 weeks (see Appendix E2). Subjects are summarized as follows (see Appendix E3): Task 1 (Transport and ITB Physics) was 6 (22%); Task 2 (Confinement database and modeling) was 1 (4%); Task 3 (MHD, disruptions and control) was 2 (4%); Task 4 (Edge and pedestal physics) was 6 (22%); Task 5 (SOL and divertor physics) was 1 (4%); Task 6 (Steady State Operation) was 3 (11%); Task 7 (Tritium and RH Technologies) was 1 (4%); and Task 8 (Other) was 7 (26%). The reports on the workshops (FORM C) and the short reports for review tours are attached as Appendices E4 and E5, respectively.

We should enhance the task activities, especially for Task 2, 5 and 7.

E. PROPOSALS OF WORKSHOPS, PERSONNEL ASSIGNMENTS AND REMOTE PARTICIPATION FOR JUNE 2010 – May 2011

Proposed Workshops and Personnel Assignments for June 2010 - May 2011 are listed in Appendix F. This includes one Workshop (W72: “The First IEA Coordination of Tokamak Programs Meeting on "implementation of the ITPA Coordinated Research Recommendations”)). The Committee discussed these proposals and authorized their implementation.

F. GENERAL DISCUSSION ON COOPERATION

Status and remaining issues for a new IA CTP were discussed. Following a clear presentation (See. Appendix G) of what is required from the LT Executive Committee on this matter, The IEA Secretariat (C. Pottinger) presented the status of the Agreement

and the process for requesting an extension. The IEA proposed that the IA request an interim extension of the CERT in November 2010. The ExCo preferred to present the “Requests for Extensions (RfE)” to the FPCC by written procedure so that the RfE can be made at the 3-4 November 2010 CERT meeting. As there was still time before November 2010 the ExCo decided to submit the RfE documents to the FPCC by written procedure and then for a final decision by the CERT at the November 2010 meeting.

Members then discussed the Criteria Table point by point and carried out a self-evaluation of each of the sections. Dr. R. Hawryluk took notes on members comments on the items for discussion for each section that will be incorporated when drafting the end-of-term and strategy plans.

It was agreed that the RfE documents would be drafted and distributed to ExCo members for comment before end-June 2010. The final documents would be sent to the Secretariat end-July 2010 for review by the FPCC by written procedure as soon as possible following that date.

Should the CERT approve the request for extension for all IAs by written procedure, the IA agreed it would present the RfE to the FPCC 15-16 February 2011 and then to the CERT at the meeting June 2011.

G. SCHEDULE FOR ANNUAL REPORT FOR FPCC

The schedule and responsible persons for the production of the annual report for FPCC were discussed. As usual, the Executive Summary will be prepared by the Chairman. He will distribute a draft in the early autumn. The deadline for submission to the FPCC will be the end of November 2010.

In addition, the schedule and responsible persons for the production of the end of term (EoT) report for the period of 2006 to 2011 were discussed. Dr. M. Mori (chair for LT IA) will distribute a draft as soon as possible.

H. NEXT MEETING

The next Executive Committee Meeting will be held in May 2011 in PPPL (U.S.).