

# IEA Cooperation on Tokamak Programmes

## Draft Minutes of the 1<sup>st</sup> Executive Committee Meeting for the IEA CTP IA

15<sup>th</sup> - 16<sup>th</sup> December 2010, Cadarache, France

The First Executive Committee Meeting for the IEA Implementing Agreement on CTP was held on 15<sup>th</sup> and 16<sup>th</sup> December 2010 in Cadarache, France. This meeting was held together with the International Tokamak Physics Activity (ITPA) Coordinating Committee (CC) meeting and the IEA ITPA Joint Experiment Planning meeting. The chair of this meeting was Dr. M. Mori (JAEA).

### **A. ADOPTION OF AGENDA**

The Committee adopted the agenda, which is attached as [Appendix A](#).

### **B. MEMBERSHIP**

The chair asked each party to provide updated list of the members. The present members of the Executive Committee are shown in [Appendix B-1](#). As the ExCo meeting was held jointly with the ITPA CC, the ITPA CC members, the chairs and the deputy-chairs and the IO deputy-chairs of each Topical Physics Groups (TGs) also attended especially at the Special Discussion Session. The chair asked each participant to confirm his/her attendance. The list of the participants is attached as [Appendix B-2](#).

### **C. SPECIAL DISCUSSION SESSION**

"Special Discussion Session on Major Machine Viewpoints and Contributions to ITER Issues in the Next Few Years" was held jointly with the ITPA. The members of the ITPA CC, the chairs, the deputy-chairs and the IO deputy chairs joined the meeting. Following the introductory remarks by Dr. R. Stambaugh, the chair of the ITPA CC, each party presented their own views and contributions to the several key issues for ITER. The issues

were: ELM, Disruption, Divertor material and Heating. Also Dr. M. Watkins made a presentation on "Preparing a case for DT operation in JET in 2014-2015".

#### **D. Approval of the minutes of the last meeting**

The minutes of the last meeting, the 25th Executive Committee Meeting for the IEA Large Tokamak Cooperation Programme (Aix-en-Provence, France, May 2010), was approved.

#### **E. Discussion on Request for One-time Extension**

In September 2010, the Chair sent a letter in which the Executive Committee unanimously requested the CERT to extend the current term of the Implementing Agreement to 30th June 2011. However, the chair received, in December 2010, an official notification which indicated that the end date of the extension approved by the CERT is not 30 June 2011 as proposed by the ExCo but 30 June 2012. US, EU and KO expressed their preference of "30 June 2012" as opposed to the original proposal "30 June 2011" in order to avoid further confusion. After discussions, the Executive Committee unanimously accepted the CERT decision to extend the current term of the Implementing Agreement to 30 June 2012.

#### **F. REPORTS ON THE COMPLETED WORKSHOPS AND PERSONNEL ASSIGNMENTS FOR JUNE 2010 - DECEMBER 2010**

Each party reported the personnel assignments in the period of June 2010 - December 2010. Dr. Y. Kamada reported the workshop held in the same period. Workshop and personnel assignments completed in the period of June 2010 - December 2010 are listed in [Appendix E0](#), [E1](#), [E2](#), [E3](#), [E4](#), and [E5](#).

#### **G. PROPOSALS OF WORKSHOPS, PERSONNEL ASSIGNMENTS AND REMOTE PARTICIPATION FOR JUNE 2010 - May 2011**

Proposed Workshops and Personnel Assignments for January 2011 - December 2011 are listed in [Appendix F](#).

It was agreed to add machine or institution name as a new column in the spreadsheet. New template will be circulated by Dr. K. Kamiya, the secretariat. The new template will be used for the next meeting.

The Committee discussed these proposals and authorized their implementation.

Responding to the chair's question, EU member informed that current tokamaks participating in the European Fusion Research Programme are JET(Culham), Tore Supra(Cadarache), ASDEX Upgrade(Garching), MAST(Culham), FTU(Frascati), TEXTOR(Jülich), TCV(Lausanne), COMPASS(Prague) and ISTTOK(Lisbon).

## **H. ANNUAL REPORT**

It was proposed by the chair that the annual report this time would cover the activities under LT IA from June 2009 to June 2010 and the minutes of the 1st ExCo meeting on CTP would be reported as well. The chair also proposed to distribute the draft annual report in December 2010 and asked the members send comments as soon as possible so that the report could be submitted by the middle of Jan at the latest. The members agreed on these proposals. This was also confirmed during the meeting by a telephone call to Ms. C. Pottinger.

Dr. E. Oktay proposed that in future an executive summary of the annual report (January - December) would be prepared to be sent by November to the IEA, then detailed report would be prepared for an FPCC meeting, which is held in February usually, well in advance. The parties agreed on this proposal. Ms. C. Pottinger also agreed on this proposal. She indicated a preference for the earlier submission of the report about four weeks prior to an FPCC meeting. The parties agreed on this proposal.

## **I. TASK REPORT**

Considering that the TASKs are closely related to the ITPA, of which results and plans are presented in the ITPA CC Meeting and the IEA ITPA Joint Experiment Planning Meeting to be held just before the CTP Executive Committee meeting, it was agreed to close all the TASKs in order to avoid unnecessary duplication. Executive annual summaries of the ITPA activities prepared by the IO deputy-chairs at the ITPA public site can be referred.

## **J. CHAIRMAN'S TERM OF OFFICE**

Two options of "Chairman's term of office" were proposed by the chair ([Appendix J](#)). After discussion, it was agreed to adopt Option A; the chairmanship is transferred to the successor just after the FPCC meeting every year.

## **K. MIGRATION of the WEB-PAGE and RESPONSIBILITIES for the OPERATION AGENT**

JA proposed to transfer the role of secretariat and the web management to EU, by the end of Dec. 2010. This proposal was agreed by the parties. EU accepted to succeed these responsibilities, but will not be able to assign the next secretariat and responsible officer for the Web-management until the next FPCC meeting (Paris, 2-3 Feb. 2011).

## **L. OFFICIAL TEXT of the CTP IA**

It was explained by the chair that the list of contracting parties in the CTP IA was modified by the IEA legal office from one reviewed by the parties. It was confirmed that the EU and JA wanted the text to be corrected to that reviewed by the parties; the change does not affect the US. Dr. E. Oktay telephoned Ms. C. Pottinger during the meeting and she and the legal office confirmed that the list of contracting parties is not a part of official text and amending to the reviewed version was not a problem. The text will be amended by the legal office as appeared in the version reviewed by the contracting parties.

## **M. INVITATION to CHINA, RUSSIA and INDIA**

It was discussed to invite China, India and Russia to join the CTP IA. Although the observers from Russia informed that RF is not ready to participate in the CTP-IA at present, it was agreed that an invitation letter should be sent anyway. It was agreed that the chair will send the invitation letters to all three parties. The contact point (CP) is Dr. P. Kaw for India.

Observers from China and Russia agreed to inform the names of their CPs to the chair after confirmation. Ms. C. Pottinger has copies of the invitation letters previously sent to India and China, and will send them as examples to the ExCo members.

## **N. STEADY-STATE AGREEMENT**

The current status of an IEA FPCC Task group on Steady State Operations (SSO) - a joint activity among related IEA IAs on the steady-state operation was explained by Dr. E. Oktay. This topic has been under discussion at the FPCC for the past 5-6 years. Jean Jacquinet and Osamu Motojima (prior to his current position as the ITER Director General) are leading this effort. Jean Jacquinet will report on the status of this activity at the 2011 annual FPCC meeting in Paris on February 2-3, 2010. Briefly, representatives from several ExCos of IEA Implementing Agreements are to identify their representatives on this Task group and choose their Chair. Technical topical areas are being identified to develop a Work Plan for this Task Group.

## **O. NEXT CHAIR**

The committee unanimously agreed that Dr. M. Mori will continue the chair until the next FPCC on 2-3 Feb. 2011 and also that the next chair will be Dr. M. Kwon after the FPCC.

## **P. NEXT MEETING**

It was agreed to keep the same style as held this time, a joint meeting with the ITPA CC and the IEA ITPA Joint Experiment planning meetings. It was agreed that the country and machine reports should be maintained and the special session can be removed. The IO agreed to host these meetings again at Chateau de Cadarache. It was agreed to reserve a period of four days (12<sup>nd</sup> - 15<sup>th</sup> December 2011) for the next meetings.