

18 February 2011

**To: Heads of Research Units**

Dear Colleagues,

**Subject: Call for Participation to Campaigns C28 and C29**

The proposals for experiments in 2011 and beyond have been developed during 2010, and have been reviewed and selected during the 2<sup>nd</sup> General Planning Meeting held 11-15 November 2010. The priorities for science and sequence have now been established, resulting in a balanced programme proposal within the boundary conditions for the Experimental Campaigns until mid-2012 (see summary of the preparation in Annex 1). I very much appreciate the enthusiastic participation of your Association in the Campaign Preparation during 2010.

The Experiments' Schedule for Campaigns C28 and C29 (see Annex 2) has been produced in close collaboration with the Task Force Leaders, the EFDA Close Support Unit at Culham and the Operator. The most important items are:

- Plasma Commissioning starting on 1 August 2011. C28a starting on 8 August 2009.
- An interleaved Plasma Restart and Experiment Campaign C28 to ensure scientific results from first plasma. An overview of Restart Activities is given in Annex 3; restart phases R1, R2, R3 and R4 are also indicated on the Experiments' Schedule.
- A progressive increase in JET capabilities during C28 and C29, together with a careful documentation of the ITER-like Wall and the development of plasma scenarios.
- C29 is planned to finish by 2 March 2012, followed by Campaign C30 during 2012.
- A review meeting is planned for November 2011, to optimise the campaigns for 2012.

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The General Planning Meeting identified experiments which should form the basis of the Programme of Campaign C28, C29 and C30 and has agreed on the main, parasitic and back-up experiments required for a focussed scientific Programme. Each experiment has now been further reviewed by the Task Force Leaders and the CSU-Culham and the Experiments' Schedule constructed on the basis of the agreed main experiments. The Experiments' Schedule contains about 25% contingency which will be used to recover time lost due to unforeseen machine problems, to continue the main experiments, and to accommodate any new high priority experiments. Over the next couple of months, JET Task Force members will develop the Experiment Documents for all main, parasitic and back-up experiments (Annex 4) to the level needed for their execution to be approved. At the same time the parasitic studies will be incorporated into their host experiments.

The purpose of the present letter is to invite your Association to propose manning of Experimental Campaigns C28 and C29 as well as the Plasma Commissioning interleaved with the C28 Campaigns: In detail (see Experiments' Schedule in Annex 2):

- C28a: 8 - 17 August 2011,
- C28b: 12 September - 3 October 2011,
- C28c: 18 October 2011 - 14 November 2011, and
- C29: 21 November 2011 - 02 March 2012.

Specifically, you are invited:

- To make available at the JET site staff (Form 5A in Annex 5) with the appropriate competencies (in Annex 6) for the implementation of the proposed main and parasitic experiments in Experimental Campaigns C28-C29 and for the preparation of C30. Please note that Form 5A requires a description of the work at JET proposed for each secondee from your Association. The completion of these Individual Work Plans is mandatory;
- To make available at the JET site a limited number of staff for the Plasma Restart phases that are interleaved with Campaign C28 (Form 5A in Annex 5). Please note that the Restart periods are covered under Notifications;
- To propose support work which would be undertaken in the Associates' Laboratories (Form 5B in Annex 5); and
- To provide the relevant costing information for the staff proposed for Campaigns C28-C29 (Form 5C in Annex 5).

New Secondment Agreements will be established in accordance with the minimum period requirements.

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On the basis of the information provided, I should be grateful if you would send your proposal for S/T Orders and Notifications by 18 March 2011 at the latest to Christian Perez von Thun ([christian.perez.von.thun@jet.efda.org](mailto:christian.perez.von.thun@jet.efda.org)). This will ensure an efficient and quick distribution of your input to the relevant staff in the CSU Culham so that the contractual preparations for Campaigns C28-C29 (S/T Orders, Notifications and Secondment Agreements) can be launched.

I look forward to receiving your proposals for participation which I hope will continue the strong involvement of the Associates in the use of the JET Facilities under EFDA.

Yours Sincerely