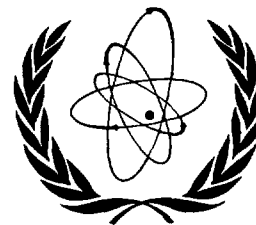


ITER CTA NEWSLETTER

No. ⁴10, DECEMBER 2001



INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA, AUSTRIA

ISSN 1024-5642

ORGANIZATION OF THE ITER CO-ORDINATED TECHNICAL ACTIVITIES INTERNATIONAL TEAM

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At its meeting in Toronto on 7 November 2001, the ITER Co-ordinated Technical Activities (CTA) Project Board took note of the organizational arrangements for the CTA International Team at the Garching and Naka Joint Work Sites. The organization chart of the Team remains almost unchanged from that of the ITER Engineering Design Activities (see overleaf). However, there is no special division responsible for plasma and field control. Activities in plasma control will be taken over by the Physics Unit.

At the same time, the organizational features of the Team, as proposed by the International Team Leader, Dr. R. Aymar, while emphasizing integration issues, foresee modifications of the charges to the sites and divisions in accordance with the following approach:

- Very often, the design responsibilities previously exercised by a Group will now, taking into account the available human resources, bear only one Team staff member, who, working together with relevant Parties' Teams, shall maintain, update and improve the Project technical status.
- The role of each Division should be adapted to the new situation. The dedication of the Division Heads in their previous roles, their experience and authority will continue to be helpful to the Project. The Divisions should maintain continuity in previous knowledge and documentation for their previous specific area, but be flexible to participate, if needed, in building a Task Force across Divisions on priority subjects.

Regarding details of the organizational scheme, it has to be noted that:

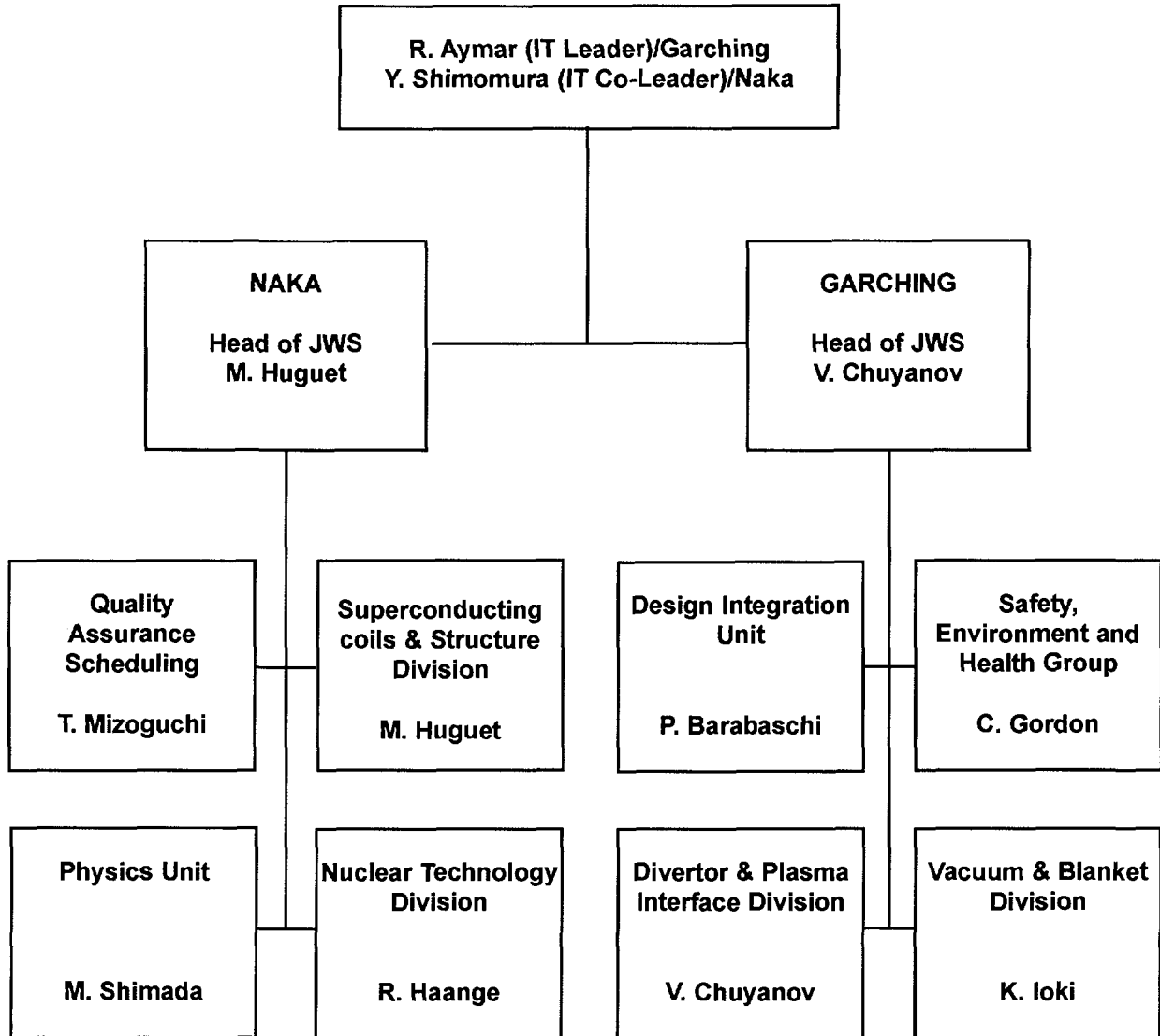
- Some field areas have no continuity in personnel and will rely heavily on the support of the Parties' Teams'. These areas are: Pulse Power Supplies, Neutral Beam Heating and Current Drive, Radiofrequency Heating and Current Drive, and CODAC.
- The drawing offices in Garching and Naka have different levels of human resources, as a consequence of which the Garching drawing office is required to perform work for some Naka designers. The connections between the Naka and the Garching drawing offices should be very good to enable them to work together on reference drawings, standards, etc.
- It is assumed that the Russian Federation Design Team will continue to provide helpful support to the Project in line with the same procedure as in the past. In particular, the Steady-State Power Supply specifications should continue to be developed by this Team.

One strong feature of the work for the CTA is the necessity for the International Team to maintain comprehensive documentation and to improve its quality. For this purpose, a Technical Co-ordination Meeting should be operational to control all the Baseline Documents, in particular all the top-level documents. In so doing, it should review Design Changes (proposals and implementation if agreed) and, therefore, resource and time targets, deliverables, etc. The Meeting will be chaired by the Team's Leader or Co-Leader. Permanent members should be Heads of Sites, the Leaders of the Design Integration Unit and of the Safety Unit; other attendees being Division Heads and Responsible Officers or Designers, or Analysts and Heads of Design Offices, depending on the agenda.

The Project should make clear its review process and keep track of decisions that affect the reference baseline (necessary to remain the Design Authority).



ITER CTA International Team Structure



START OF THE INTERNATIONAL TOKAMAK PHYSICS ACTIVITY

by Dr. D. Campbell, Chair, ITPA Co-ordinating Committee

As the ITER EDA drew to a close, it became clear that it was desirable to establish a new mechanism in order to promote the continued development of the physics basis for burning plasma experiments and to preserve the invaluable collaborations between the major international fusion communities which had been established through the ITER Physics Expert Groups. Prompted by Dr. H. Ninomiya of JAERI, representatives of the European Union, Japan, the Russian Federation and the United States began discussions, under the auspices of the respective fusion programme administrations, to establish a new framework for international collaboration on voluntary Physics R&D in support of the design of burning plasma experiments.

The result of these discussions is encapsulated in the "Agreed principles for conducting the International Tokamak Physics Activity (ITPA)" appended to this report (see box overleaf). The implementation of this