

The Advisory Council

Report to the 20th ITTC

1. MEMBERSHIP AND MEETINGS

The membership of the 20th ITTC Advisory Council consisted of 32 organisations; a list of the member organisations is included in the Proceedings. Dr. M. W. Oosterveld was elected as the Chairman, Mr. A. Hasle Nielsen as the Vice Chairman, and Dr. J. van der Meulen as the Secretary of the Advisory Council. Prior to the first meeting, Dr. van der Meulen resigned due to other commitments and Mr. B. S. Bowden became the Secretary.

The Advisory Council held three meetings since the last Conference. The first meeting was held in Memphis on the 9th and 10th January 1991, the second meeting in Wageningen on the 12th May 1992, and the third meeting in San Francisco on the 16th and 17th March 1993.

2. ACTIVITIES AND RECOMMENDATIONS OF THE ADVISORY COUNCIL

Membership of Technical Committees

The Advisory Council recommended to the Executive Committee that members for technical committees should be selected on the basis of their technical experience and commitment to contribute to the work of the committee. It recommended that the previous guidelines on the selection of technical committees should be reviewed and the following points incorporated:

- a. Resumés of experience to be provided for all nominees for membership of technical committees.

- b. Each geographical area to be requested to nominate more than one person for each technical committee so that selection can be based on technical competence.

- c. Organisations nominating members for technical committees to be asked to identify the committee recommendations to which their members would be able to contribute.

Review of the Recommendations of the Technical Committees

The 19th ITTC Advisory Council had issued a questionnaire to seek the views of Council members on their support for the recommendations of the technical committees. The Advisory Council of the 20th ITTC decided to issue a similar questionnaire and it was sent to all members of the Council on 16th February 1993 together with the draft recommendations for all of the technical committees and groups. The members were asked the following questions:

List the committees in their order of interest.

How many active members of technical committees and groups would the member organisation be prepared to support?

Would the member organisation be prepared to contribute to the work of the technical committee or group by sharing the cost of a member from another organisation?

How extensively does the member organisation make use of the contents of the ITTC proceedings?

For each technical committee or group indicate if the member organisation is prepared to support fully a member of their staff as a member of the committee or group?

Assign one of the following codes against each recommendation for each committee or group:

- Code 0 No interest
- Code 1 Interest but no support for the work of the committee/group.
- Code 2 Active support for the work of the committee/group.

Over 90% of the Advisory Council members answered the questionnaire and the replies were taken into account when the Council carried out a detailed review of the draft recommendations of the technical committees and groups at its third meeting on the 16th and 17th March 1993. Following the review, the comments of the Council were relayed to the chairman of each of the technical committees with the instruction that the recommendations should be amended accordingly and the revised committee reports sent to the ITTC Secretary, Professor Webster, by the 15th April.

New Techniques and Technologies of Importance to the ITTC

During the first meeting of the Advisory Council a working group had been appointed to consider the relevance of possible new techniques and technologies to the ITTC. The group had issued a questionnaire to members of the Advisory Council seeking their views on the following topics:

- a. Marine ecology including pollution and environmental matters.
- b. Techniques for flow visualisation and validation of computational fluid dynamics (CFD).
- c. Use of hydrodynamic test facilities for non-traditional investigations (eg drag measurements on cars and aircraft).

d. New techniques for ship operations including global positioning systems.

e. On-board monitoring and management systems.

f. Vessel traffic monitoring systems.

g. Hydrodynamics of submersibles.

h. Water jet propulsion.

i. Fishing systems.

In answering the questionnaire members were asked to indicate whether they considered each topic:

1. Of relevance to the ITTC.
2. Appropriate for a workshop.
3. Appropriate for a new technical committee.

Members were also asked to identify other areas of possible interest to the ITTC.

After discussion of the replies, the Advisory Council recommended that there should be parallel sessions for six workshops at the Conference. The workshops were:

CFD measurement and validation

Waterjet propulsion

Facilities, Instrumentation and Non-traditional use of facilities

On-board monitoring of ship performance

Hydrodynamics of submersibles

Sailing yachts

The workshops should be organised such that:

1. They would be held at two time slots with three parallel sessions for each slot.
2. A chairman would be appointed for each workshop.
3. Each chairman would be supported by a small panel. The members of each panel would be selected by the workshop chairman.
4. A maximum of 30 minutes would be allocated to formal presentations for each

workshop and ample time should be allowed for discussion.

5. Each chairman should prepare a report summarising the discussions and further recommendations arising from the workshop. The reports would be published in Volume 2 of the ITTC Proceedings.

Geographical Areas

Under the current rules governing the ITTC, member organisations were grouped into seven geographical areas as follows:

Name of Area	Countries Included
America	Argentina Brazil Canada Mexico USA Venezuela
East Asia	China Japan Korea
Eastern Europe	Bulgaria Dem. Rep. of Germany Poland Romania USSR
Northern Europe	Austria Belgium Fed. Rep. of Germany Netherlands
Scandinavia	Denmark Finland Norway Sweden
Southern Europe	France Greece Israel Italy Spain Turkey Yugoslavia
United Kingdom etc	United Kingdom India Australia

The membership of the Executive Committee was made up of the President of the next Conference, who would be the Chairman of the Committee, and one representative from each of the geographical areas; a total of eight members. The past-President and the chairman of the Advisory Council would be 'ex-officio' members.

In view of the changes in the member countries and the membership of the ITTC, the Executive Committee requested the Advisory Council to review the geographical areas. As a result, the Advisory Council recommended that there should be six geographical areas and they should be constituted as follows:

Name of Area	Countries Included
America	Canada USA
Pacific Islands	Japan
East Asia	China Korea
Central Europe	Austria Belgium Germany Netherlands United Kingdom
Northern Europe	Denmark Finland Norway Poland Russia Sweden
Southern Europe	Bulgaria France Greece Italy Spain Yugoslavia

It was agreed that other countries, such as India, Australia, Latin and South American countries, would be invited to indicate in which geographical areas they wished to be included.

Future Organisation of the ITTC

Discussions were held during the third meeting of the Council as to the need to reconsider the organisation of the ITTC. It was proposed that there was a requirement to carry out a review of the organisation and structure of the technical committees and groups. There was also discussion concerning the possibility of setting up a permanent secretariat and providing some limited reimbursement to organisations whose staff were active members of committees. A small working group was tasked to carry out a review of the organisation of the ITTC and put forward proposals for

consideration at the next meeting of the Council in September 1993. It was anticipated that the changes arising from the review as agreed by the Advisory Council and Executive Committee would be implemented at the 22nd Conference in 1996.

Officers of the 21st Advisory Council

At the meeting in San Francisco, the new officers were elected for the 21st ITTC Advisory Council. The results of the election were: Mr. A. Hasle Nielsen as Chairman, Dr. H. Kitagawa as Vice-Chairman, and Mr. B. S. Bowden as Secretary.