

The Advisory Council

Report to the 21st ITTC

1. MEMBERSHIP AND MEETINGS

The membership of the 21st ITTC Advisory Council initially consisted of 32 organisations but, since the last Conference in September 1993, the following organisations became members :

Akashima Laboratory, Mitsui Engineering & Shipbuilding Co Ltd

University of Tokyo, Department of Naval Architecture and Ocean Engineering

Hyundai Maritime Research Institute

and the following organisations resigned from the Council :

Stevens Institute of Technology

British Maritime Technology (BMT)

Mr A. Hasle Nielsen was elected as the Chair, Dr H. Kitagawa as the Vice-Chair, and Mr B. S. Bowden as the Secretary.

The Advisory Council held three meetings since the last Conference. The first meeting was held in Rome on the 3rd and 4th October 1994, the second in Kyongju on the 16th September 1995, and the third meeting in Copenhagen on the 20th and 21st March 1996.

2. ACTIVITIES AND RECOMMENDATIONS OF THE ADVISORY COUNCIL

2.1 ITTC Rules of Organisation

A thorough review had been made of the ITTC Rules of Organisation. The principal

changes recommended by the Council were aimed at:

- modifying the Rules to take account of the new organisation for the technical committees.

- including provision for reviewing the membership of the Advisory Council and confirmation of membership every six years.

- making appropriate references to numerical modelling and full-scale trials as well as physical modelling.

- referring to the need for validation and quality assurance procedures.

The revised Rules of Organisation are given in Appendix 1 of the Proceedings.

2.2 Future Organisation of the ITTC

General and Specialist Technical Committees. A working group had been appointed to examine the organisation of the ITTC and after careful consideration of its findings the Council recommended that the technical committee structure should be changed such that there would be General Technical Committees and Specialist Technical Committees. The General Committees would be primarily responsible for reviewing the state-of-the art, identifying the needs for research and development, and carrying out longer term studies with broad impact. The Specialist Committees would address specific problems and they would be expected to complete their tasks within one or two ITTC periods, that is 3 to 6 years. The terms of reference for the general and specialist

committees are given Appendix 2 of the Proceedings.

It was proposed that there should be four general technical committees:

Resistance

Propulsion (replacing the Propulsor, Cavitation, and Powering and Performance Committees)

Manoeuvring

Loads and Responses (replacing Seakeeping and Ocean Engineering).

The Quality Control and Symbols and Terminology Groups should continue but their terms of reference should be reviewed. A name change, from Quality Control to Quality Systems, was proposed because control is but one element of a quality system. During the 20th ITTC the High Speed Marine Vehicles (HSMV) Committee had been tasked to investigate safety aspects of HSMV operations and it would continue as a specialist committee. A specialist committee had also been set up at the last conference to investigate the performance of Waterjets.

The members of the Council and the existing technical committees and groups were invited to propose new work tasks for the committees. The tasks were carefully reviewed, together with the 'Recommendations for Future Work' prepared by the existing committees, and proposals put forward for the new work of the general and specialist committees; further details are given Appendix 2 of the Proceedings.

The working group set up earlier to review the organisation of the ITTC also addressed the following issues:

- the need to raise the profile of the ITTC and create a lobby for issues of importance to the ITTC,
- the need for a permanent secretariat,
- the possibility of a membership fee,
- providing individual membership as well as institutional membership of the ITTC,
- stimulating the interest of young researchers in solving problems of concern to the ITTC.

Raising the Profile of the ITTC. The Advisory Council was supportive of the following actions to raise the profile of the ITTC:

- the use of specific existing journals and conferences to publish in full the results of work which at present can only be summarised in committee reports.

- distribution of the ITTC Newsletter to interested organisations for full or part publication in their regular publications.

- highlighting, naming, and publicising ITTC standards, methods, databases, etc. which need to be widely understood and applied throughout industry.

- these efforts should be co-ordinated with those of the ISSC and similar maritime organisations, especially where the technical areas overlap or standards can be agreed as being common to both organisations.

SNAME has agreed to act as a distribution centre for the ITTC Proceedings and copies of proceedings for previous Conferences can now be obtained from the Society on payment of a small charge.

Permanent Secretariat for the ITTC. The need for a permanent secretariat was discussed on the basis that it would provide a focal point for the ITTC and make communications easier; this would become increasingly important as the ITTC raised its external profile and as levels of co-operation with other organisations such as the ISSC, IAHR, IMO and ISO increased. A small majority of the Council members was in favour of setting up a permanent secretariat but there was strong opposition from some members and it was agreed to defer further action. It was decided that the immediate priority was to appoint a new Council secretary.

Membership Fee. It was considered that there was no need to introduce a fee for membership of the ITTC unless a paid permanent secretariat was established.

Individual Membership. The Council recommended that individual membership of the ITTC should not be introduced.

Young Researchers. It was recommended that member organisations should be encouraged to nominate younger researchers for membership

of the technical committees and to attend the Conferences as observers.

Co-operation with the ISSC. Members of the Council held discussions with representatives of the ISSC on possible co-operation and the following proposals were made:

- draft recommendations or mandates for the technical committees should be exchanged and feedback encouraged.
- information exchange at the working level should be encouraged; for example, by exchanging mailing lists, selection of ex-officio observers to attend ISSC and ITTC conferences, the inclusion of hydrodynamicists in certain of the ISSC technical committees and vice-versa.
- joint promotion of the work of both bodies; for example, by setting up a joint steering group to co-ordinate /monitor activities, agreeing and publicising joint standards/methods/databases, distributing newsletters to interested organisations.

Co-operation with the IAHR. The Council recommended that closer co-operation should be sought with the IAHR; this could be encouraged by exchanging information on the work of the technical committees and copies of newsletters.

Co-operation with IMO and ISO. It was recommended that steps should be taken to promote co-operation with IMO and the ISO.

3. OFFICERS FOR THE 22ND ADVISORY COUNCIL

At the meeting in Copenhagen, the new officers were elected for the 22nd ITTC Advisory Council. Mr A. Hasle Nielsen and Dr H. Kitagawa were re-appointed as the Chair and Vice-Chair respectively. It was agreed that the appointment of a Secretary for the Council would be finalised during the meeting of the Council to be held in September 1996.