

## REPORT OF THE ADVISORY COUNCIL

## CONTENTS

	PAGE
I MEMBERSHIP AND MEETINGS	33
II RECOMMENDATIONS OF THE 17TH ITTC	33
III ACTIVITIES AND RECOMMENDATIONS OF ADVISORY COUNCIL	33

**I MEMBERSHIP AND MEETINGS**

The membership of the 18th ITTC Advisory Council consisted of 31 organizations. These organizations are indicated in the list of member organizations included in these Proceedings.

During a meeting of the Advisory Council at the end of the 17th ITTC Conference in Göteborg, Prof. O. Krappinger and Mr. K. Tamura were elected to be Chairman and Vice-Chairman of the 18th ITTC Advisory Council respectively.

Dr. M.W.C. Oosterveld was appointed to be Secretary. When Dr. M.W.C. Oosterveld became President of MARIN on March 1, 1986, he resigned from this post. Dr. J.H.J. van der Meulen was then appointed as Secretary for the remaining period.

The Advisory Council has met two times since the 17th ITTC Conference. The first meeting was held in Wageningen,

The Netherlands, on October 21 and 22, 1985, the second meeting in Haslar, United Kingdom, on April 23, 1987.

**II RECOMMENDATIONS OF THE 17TH ITTC**

At the 17th ITTC Conference the Advisory Council formulated a "Recommendation to member organizations to support a restructuring of the Resistance, Propeller, Cavitation and Performance Committees". In this Recommendation it was suggested that "the Propulsor and Cavitation Committees have a joint Technical Session at the 18th ITTC".

The above Recommendation was reconsidered by the 18th ITTC Advisory Council.

**III ACTIVITIES AND RECOMMENDATIONS  
OF ADVISORY COUNCIL**

At the Advisory Council meeting in Wageningen the subject of restructuring of the Technical Committees was address-

sed. The concensus of opinion was that just reducing the present number of Committees does not create ideas for new high priority areas; therefore restructuring should be postponed until there is actual demand for a new Committee. Thus, the need for having a joint Technical Session of the Propulsor and Cavitation Committees was no longer felt.

One of the possible new activities concerned numerical methods. An ad-hoc "Working Group on Validation Techniques" was established with the task to discuss this subject in some more detail and to report to the Council. Already at the meeting in Wageningen the Working Group submitted a memorandum. The Advisory Council accepted the Working Group's proposal to work out a note for discussion at the Advisory Council meeting in Haslar. At the Haslar meeting the Working Group's proposals were structured into four sections:

- (1) Reasons for establishing a special panel on validation.
- (2) Objectives and tasks of a validation panel. Validation can be split into two phases:
  - (a) The process of understanding and describing a particular full-scale situation.
  - (b) The process of using the model (numerical or physical) to produce engineering predictions.The Technical Committees should deal with (a), whereas the validation panel should concentrate on (b).
- (3) Programme for session on validation during 18th ITTC Conference.
- (4) Guidelines for the Technical Committees with regard to validation.

The Working Group came to the conclusion

that a special panel on validation should be proposed to the 18th ITTC Conference. The Advisory Council agreed to this conclusion.

At the meeting in Haslar several other proposals on the future scope of ITTC have been discussed. Although these discussions contributed largely to the understanding and assessment of future developments, no firm decisions were as yet made. Several members of the Advisory Council questioned the need for a continuation of the High-Speed Marine Vehicle Committee and proposed that the other committees should deal with the tasks of the High-Speed Marine Vehicle Committee. The majority of opinion, however, was in favour of continuation for a limited number of periods.

At the meeting in Wageningen an ad-hoc "Working Group on Conditions for Membership of Advisory Council" was established with the task to study the following subjects:

- (a) Review of requirements for membership of Advisory Council.
- (b) Membership of Advisory Council.

At the meeting in Haslar the Advisory Council agreed to the recommendations set up by the Working Group. These recommendations were accepted by the Executive Committee to be placed before the 18th ITTC Conference and are added to the report of the Executive Committee (Appendix 1). At the meeting in Wageningen the Advisory Council also agreed to change the present rules regarding representation in the Advisory Council and regarding the election of its Chairman, Vice-Chairman and Secretary. These recommendations were accepted by the Executive Committee and are also included in Appendix 1 of the Executive Committee report.

The Advisory Council agreed to replace the present "General Additional Guidelines for the Operation of the ITTC", as formulated on page 406 and 407 of the 17th ITTC Proceedings - Volume 2 -, by new ones. The recommendations were accepted by the Executive Committee to be placed before the 18th ITTC Conference and are included in Appendix 2 of the Executive Committee report.