

# The Advisory Council

## Report to the 25th ITTC

### 1. MEMBERSHIP AND MEETINGS

The Membership of the 25th ITTC Advisory Council consisted of 31 organisations. Seoul National University and Akishima Laboratories (Mitsui Zosen) Inc. resigned from the council in 2005.

Mr. D. Murdey was elected as the Chairman and Dr. N. Toki as the Vice-Chairman. Mr. Aage Damsgaard was appointed as the Secretary.

The Advisory Council held three meetings since the last Conference. The first meeting was held in Rome, Italy 18–19 September 2006, the second in Fukuoka, Japan 20–21 September 2007, and the third meeting in Copenhagen, Denmark, 26–28 March 2008.

### 2. ACTIVITIES AND RECOMMENDATIONS OF THE ADVISORY COUNCIL

#### 2.1 Review of the Work of the Technical Committees and Groups

The technical committees and groups provided progress reports for the meetings of the Advisory Council in September 2006 and September 2007. The reports contained information on the progress of each committee's work, attendance at meetings, and any other matters requiring the attention of the Council. The reports were reviewed at the meetings of the Council and the progress of the work was carefully monitored and the

committee chairmen were informed of the council's comments.

#### 2.2 Advisory Council Working Groups

To maintain the effectiveness of its technical work, the Council continued to make use of the four Working Groups set up before the 24th Conference. The Working Groups have two main responsibilities, to develop proposals for terms of reference for the future technical committees and to review and assess the procedures proposed by the technical committees. Each Working Group was concerned with the areas covered by approximately three technical committees. To provide a contact between the new technical committees and the Council, the Working Groups will remain in place after the next Conference, with the appropriate division of committees among them. This should expedite answering any questions the new technical committees may have concerning their terms of reference.

#### 2.3 ITTC Recommended Procedures

The technical committees proposed 41 new or revised procedures.

The Council reviewed the procedures based on criteria for publication which had been revised at its meeting in Rome. The result of the review was that 22 procedures were accepted for publication without revision and 18 for publication after minor revisions had



been made. One procedure was published including a comment by the Council. All the procedures were passed to the Quality Systems Group who ensured they were in line with ITTC requirements for completeness, structure, symbols and format. The Quality Systems Group also managed the publication of the procedures in the Manual of ITTC Recommended Procedures and Guidelines.

Terms of reference were also proposed for the Quality Systems Group.

## 2.5 ITTC Web Site

The permanent ITTC website was established at – <http://ittc.sname.org>.

The ITTC site is the primary source of information on the ITTC and includes the link to the detailed information on the 25<sup>th</sup> Conference

The Proceedings of all ITTC conferences (except the 2<sup>nd</sup>, which although not specifically named is included in the proceedings of the Institution of Naval Architects for 1934), have been uploaded to the website. In addition, the hard copy Catalogue of Facilities has been scanned and put on the website. An update of the Catalogue has been initiated.

## 2.4 Technical Committees for the 26th ITTC

At the meeting in March 2008, the Council reviewed the drafts of the “Technical Conclusions”, Recommendations to the Conference”, and “Recommendation for Future Work” provided by each technical committee and group as well as proposals submitted by ITTC members at large. Based on this information and its assessment of the needs of the ITTC, the Council drafted a proposal for the tasks and structure of the 26th ITTC Technical Committees and Group, See Appendix 1.

The following Committees are proposed:

### General Committees

- Resistance
- Propulsion
- Manoeuvring
- Seakeeping
- Ocean Engineering

### Specialist Committees

- CFD in Ship Hydrodynamics
- Detailed Flow Measurements
- High-speed craft
- Scaling of Wake Field
- Stability in Waves
- Surface Treatment
- Uncertainty Analysis
- Vortex Induced Vibrations

## 2.6 Rules of ITTC

The Advisory Council reviewed drafts of the proposed new Rules for the ITTC that had been written by a working group of the Executive Committee. As a result of these reviews, several changes were suggested and included in subsequent drafts.

## 2.7 Continuity of organization of the ITTC

The Advisory Council was concerned that much of the knowledge and expertise concerning the organisation and operation of the ITTC would be lost as members of the ITTC community retired. To address this the Council drafted a procedure “General Guidelines for the Activities of Technical Committees, Liaison with Executive Committee and Advisory Council.” This



procedure includes an outline timetable for all the major activities carried out during the three-year period between Conferences.

### **3. OFFICERS FOR THE 26TH ITTC ADVISORY COUNCIL**

Prof. Gerhard Strasser was appointed as the Chairman for the 26th ITTC Advisory Council. Dr. S.W. Hong was appointed Vice Chairman.