

The Advisory Council

Report to the 26th ITTC

1. MEMBERSHIP AND MEETINGS

The membership of the 26th ITTC Advisory Council consisted of 32 organisations. The Australian Maritime College, AMC, joined the AC as a new member in 2008. Several AC members changed their representatives at the beginning or during this period. The ITTC website shows the present representatives.

Prof. Gerhard Strasser was elected as chairman and Dr. Seok-Won Hong as Vice-Chairman. Mr. Aage Damsgaard continued as the Secretary.

The Advisory Council held three meetings since the last Conference. The first meeting was held in Istanbul 12th – 13th October 2009, the second in Rio de Janeiro 20th - 21st September 2010, and the third meeting in Vienna 28th - 30th March 2011.

2. ACTIVITIES AND RECOMMENDATIONS OF THE ADVISORY COUNCIL

2.1 Review of the Work of the Technical Committees

The technical committees and groups provided progress reports for the meetings of the Advisory Council in September 2009 and September 2010. 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.

The division of the committees between the Working Groups is shown in the table below.

WG1	WG2	WG3	WG4
Resistance	Propulsion	Manoeuvring	Ocean engineering
Uncertainty	Wake scaling	Seakeeping	VIV
CFD	Surface treatment	Stability in waves	Flow measurements
		High speed craft	

It was decided to have a special meeting during the next Conference with the new chairmen of the Technical Committees in order to give them more information how the cooperation between them and the AC is organized. This meeting will be organized by

the AC chairman, the Secretary and the chairman of the QS Group.

2.3 ITTC Recommended Procedures

The technical committees proposed 39 procedures, 14 new procedures, 25 revised ones. The Council reviewed the procedures based on criteria for publication. The result of the review was that 14 procedures were accepted for publication without revision and 18 for publication after minor revisions have been made. Two procedures were changed to Guidelines, for three procedures it was decided to keep the old version, two procedures were postponed by the Council where the content of one of them should be contained in the proceedings. The Wiki was terminated as there are doubts about the maintenance at a reasonable standard. All the accepted 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 which are published on the ITTC website.

2.4 Technical Committees for the 27th

The decision for the new committees was based on the recommendations of the present ITTC committees for future work and on the results of a questionnaire which has been sent out to all members.

Discussions in the working groups and subsequent voting resulted in the following committees for the 27th ITTC:

General Committees:

Resistance
 Propulsion
 Manoeuvring
 Seakeeping (including hydro elasticity)
 Ocean Engineering (including completion of VIV)
 Stability in Waves (observe interface to SC and OEC)

Specialist Committees:

Ice
 CFD in Marine Hydrodynamics (include hybrid methods)
 Detailed Flow Measurement Techniques
 Performance of ships in Service (include EEDI, EEOI, surface roughness)
 Hydrodynamic Noise (not including vibration)

Groups

Quality Systems Group

Stability in Waves Committee has been kept up for several periods; therefore it has been decided to make it, according to the rules, a General Committee for the time being.

2.5 ITTC Website

The permanent ITTC website is 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 26th Conference.

The Proceedings of all ITTC conferences are now available on the website. In addition, the hard copy Catalogue of Facilities has been scanned and put on the website. Updating of the Catalogue of Facilities is in progress.

2.6 ITTC's Activities in the IMO

ITTC has received a request from CESA (Community of European Shipyard's Associations) to cooperate on a submission to IMO MEPC regarding the proposed EEDI procedures.

The matter of EEDI has not been raised in the AC or EC before, so AC was thankful to CESA for bringing this to the attention of ITTC as it was thought that the present wording of the guidelines with regard to verification of EEDI could be harmful to the ITTC community.

It was concluded that ITTC should act pro-actively in this matter, that the task of such action could not be left to any sitting technical committee, and that ITTC should form a separate task force to deal with the matter.

A small working group of the AC made an input to MEPC 60 pointing out the experience of the ITTC members with trial predictions and that power predictions cannot be done in a simple way and are always associated with a certain degree of uncertainty.

The IMO meanwhile has reviewed their proposal. It was decided that the AC Chairman Prof. Strasser shall represent ITTC at the

MEPC in order to follow the development and be able to react.

3. OFFICERS FOR THE 27TH ITTC ADVISORY COUNCIL

Prof. Gerhard Strasser was appointed to continue as the Chairman for the 27th ITTC Advisory Council and Dr. Takura Omori, IHI, Japan was appointed as Vice Chairman. Mr. Aage Damsgaard was appointed Secretary.