



Advisory Council

Report to the 27th ITTC

1. MEMBERSHIP AND MEETINGS

The membership of the 27th Advisory Council consisted of 35 organisations. Two organisations, Ecole Centrale Nantes, France, and LabOceano, Brazil, were admitted to the Advisory Council. The two Japanese ITTC members, IHI Corporation and Universal Shipbuilding Corporation, merged their test facilities, which now operate under the name Japan Marine United Corporation. JMUC continues IHI's membership of the Advisory Council.

Prof. Gerhard Strasser was elected Chairman and Dr. Takuya Omori Vice Chairman. Mr. Aage Damsgaard was appointed Secretary.

The Advisory Council held three meetings since the last Conference, In Daejon, Korea, October 2012, in Copenhagen, Denmark, September 2013, and Wuxi, China, in April, 2014. The fourth meeting will be held in Copenhagen during the Conference.

The roles and responsibilities of the Advisory Council as defined in the ITTC Rules are primarily to support the Executive Committee on all technical matters.

2. ACTIVITIES AND RECOMMENDATIONS OF THE ADVISORY COUNCIL

2.1 Kick-off Meeting with Technical Committees

At the 26th Conference in Rio de Janeiro, the Advisory Council arranged a kick-off meeting with all the new chairmen of the technical committees who were present at the Conference. The intention of the kick-off meeting was to give the new chairmen a good understanding of their work procedures and the liaison with the Advisory Council, and to emphasize the importance of a well coordinated commencement of the committee work.

The kick-off meeting appeared to have little effect on the performance of the committees, so it will be repeated at the 27th Conference with even more focus on the first year's activities of the committees and the results expected during that year.

2.2 Review of the Work of the Technical Committees and Groups

The technical committees and group provided progress reports for the Advisory Committee meetings in October 2012 and September 2013. The first progress report demon-



strated that most of the committees had not properly understood the tasks concerning new and revised procedures. In order to improve the performance of the next committees in this respect, it was decided that a new standard template for the first progress report shall be implemented, spelling out in more detail what is required. The present report template may be used for the second progress report.

The technical committees and group submitted a total of 51 revised or new procedures for review by the Advisory Council and proposed a number of procedures to be deleted. With such a large number of documents, it is evident that keeping deadlines is crucial, as is the standard of work expressed in the procedures. During this period, about 80% of all “final” procedures had to be returned to the committees for further corrections following the last AC review. Had the AC review of procedures been taken literally, all these procedures should have been postponed to the next period.

Consequently, it is very important for the coming periods that the agreed working procedures are followed.

2.3 Advisory Council Working Groups

As in the latest periods, the work of the Advisory Council was organised in four working groups, each dealing specifically with the work of selected committees. The division of work this time was as shown in the table below.

WG 1	WG 2	WG 3	WG 4
Resistance	Propulsion	Manoeuvring	Ocean Engineering
SC CFD	SC Ships in Service	Seakeeping	SC Ice
SC De-tailed Flow	SC Hydrodynamic Noise	Stability in Waves	SC Energy Devices

The work of the Quality Systems Group was monitored by the AC Chairman.

The main responsibilities of the working groups are to review committee progress reports, review procedures and guidelines and define the Terms of Reference for the next committees. In order to use the time at the AC meetings efficiently, the working groups as far as possible perform their review before the meetings. This is of course possible, only, if the documents are submitted timely by the committees. The meetings are then used to consolidate the comments resulting from the review in discussions with the entire AC and preparing responses to the committees.

2.4 ITTC Recommended Procedures

A total of 51 procedures and guidelines were prepared by the committees and group, 18 new and 33 revised documents. In addition, the committees proposed six old procedures to be deleted as they were considered obsolete. As described above, the large number of new and revised procedures and guidelines appeared to cause problems for the committees as well as the Advisory Council, which resulted in a significant delay of the publication and a considerable additional work load for the Quality Systems Group.



Out of the 51 new or revised documents, just four were considered too incomplete to be published this time.

Some inconsistencies in the titles of a large part of the new and revised procedures were discovered and have been revised by the QSG. As a consequence thereof, the procedure for formatting of procedures and guidelines has been revised. During the next period, the entire register will be reviewed by the QSG and any remaining inconsistencies will be corrected.

The proposed new Register of ITTC Recommended Procedures and Guidelines has been published on the conference website and will, if adopted by the Full Conference, be available on the ITTC website.

2.5 Technical Committees for the 28th ITTC

Several proposals for new specialist committees were tabled for the Advisory Council, partly by the present committees and partly by AC members. After voting in the AC, it was recommended to establish the following committees for the 28th ITTC:

General committees

Resistance
Propulsion
Manoeuvring
Seakeeping
Ocean Engineering
Stability in Waves

Specialist committees

Performance of Ships in Service
Hydrodynamic Noise
Ice
Hydrodynamic Modelling of Marine Renewable Energy Devices
Modelling of Environmental Conditions
Energy Saving Methods

Groups

Quality Systems Group

The specialist committees on CFD and Detailed Flow Measurements were discontinued after having run for two periods. CFD and Flow aspects have to be handled by the respective general committees.

2.6 ITTC Rules

The Advisory Council was heavily involved in the discussion of the changes of the ITTC Rules. The proposed procedure for decision making between Conferences was instigated by discussions between AC members, and the proposed strengthening of the requirements for AC membership were directly suggested by the AC. The EC report presents the proposed changes.

2.7 Cooperation with IMO and ISO

The Advisory Council, represented by its Chairman, has played a very active role in the cooperation with IMO on EEDI matters and with ISO on the revision of the sea trial standard ISO 15016.

In relation to the EEDI regulations, ITTC was firstly able to have the ITTC model test procedures accepted as the approved test procedures to be considered in validation of EEDI. Secondly, the ITTC sea trial procedures were



identified by IMO as the preferred standard, at least until a revised ISO 15016 was ready. IMO also advised ISO to cooperate with ITTC in the revision of ISO 15016 and base the revision on the ITTC procedures. The cooperation between ITTC and ISO has been very successful, and the revised ISO 15016 is now nearly complete.

3. OFFICERS FOR THE 28TH ITTC ADVISORY COUNCIL

Prof. Gerhard Strasser was reappointed as Chairman for the 28th ITTC Advisory Council and Dr. Takuya Omori as Vice Chairman.