

The Advisory Council

Report to the 29th ITTC



1. MEMBERSHIP AND MEETINGS

The membership of the 29th Advisory Council consisted of 39 organisations. One new organisation, Akishima Laboratories (Mitzui Zosen), Japan, was admitted to the Advisory Council.

Prof. Gerhard Strasser was elected Chairman and Dr. Takuya Omori Vice Chairman. Mr. Aage Damsgaard was appointed Secretary. Dr. Omori resigned from JMUC in 2020, and Prof. Daisuke Kitazawa, University of Tokyo, was elected.

The Advisory Council held two physical meetings since the last Conference, in Gdansk, Poland, September 2018, and in Val de Reuil, France, September 2019. As a new initiative, the technical committee chairs were invited to attend the second AC meeting and, except for two, all attended. This was generally valued as a good initiative and will be considered for the next period as well. The third meeting was planned for March, 2020, in Tokyo, Japan, but was cancelled due to the worldwide pandemics situation. Instead, a virtual meeting was held in March, 2021, and another virtual meeting was held in May, 2021. Finally, a meeting will be held in connection with the virtual conference in June, 2021.

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 OF THE ADVISORY COUNCIL

2.1 Kick-off Meeting with Technical Committees

The kick-off meeting with technical committees implemented at the 26th Conference was repeated at subsequent conferences where also the chairman of the Quality Systems Group has participated and given his contribution to securing an efficient start-up of the committee activities. It is planned that these kick-off meetings shall be held also in the future, and that the QSG Chairman shall attend.

2.2 Review of the Work of the Technical Committees and Groups

The new format of progress reporting from the committees to the Advisory Council implemented during the last term has been used throughout the 29th ITTC. The new progress report template, among other changes, defines clearly which procedures and guidelines have to be reviewed by which committee.

The technical committees and group submitted more than 60 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, as well as maintaining a high standard of the procedures is crucial. During this period, about 65% of all “final” procedures had to be returned to the committees for further corrections following the last AC review, and some even had to go back to the committees once more. Should the AC review procedures have been taken literally, all these procedures would have been postponed to the next period.

During the final review of procedures, it became evident that several procedures dealing with uncertainty analysis were using outdated

references that should have been revised this term. In addition, some examples contained in the procedures were not consistent with other ITTC procedures. This was discovered too late to revise all the procedures (about 20 dealing with uncertainty analysis), so it will be defined as tasks for the next committees to revise all the faulty procedures and include consistent examples. The procedures in question will have a note of concern to this effect.

2.3 Advisory Council Working Groups

As in the recent periods, the work of the Advisory Council was organised in four working groups, each dealing specifically with the work of selected committees. This time the distribution of committees between the AC working groups was as shown in the table below.

WG 1	WG 2	WG 3	WG 4
SC on Combined CFD/EFD Methods	Resistance and Propulsion	Manoeuvring	Ocean Engineering
SC Ice	SC Operation of Ships at Sea	Seakeeping	SC Environmental Modelling
SC Hydrodynamic Noise	SC Energy Saving Methods	Stability in Waves	SC Hydrodynamic Testing of Marine Renewable Energy Devices
		SC Manoeuvring in Waves	

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 about 80 procedures and guidelines was prepared by the committees and group, some new, some with major revisions and most with minor revisions. The report from the Quality Systems Group contains a detailed account of the work with procedures and guidelines.

In addition to the revisions of the contents of the procedures and guidelines, all had a new title page layout, including a general disclaimer.

The proposed new Register of ITTC Recommended Procedures and Guidelines has been published on the ITTC website.

2.5 Technical Committees for the 30th ITTC

Several proposals for new specialist committees were tabled for the Advisory Council, partly by the present committees and partly by AC members. After discussion in the AC, it was recommended to establish the following committees for the 29th ITTC.

General committees

Resistance & Propulsion
Manoeuvring
Seakeeping
Ocean Engineering
Stability in Waves
Full Scale Performance

Specialist committees

Ice
Ocean Energy Devices
Combined CFD/EFD Methods
Cavitation and Noise
Wind Powered Ships

Groups

Quality Systems Group

Despite the fact that some of the specialist committees had already been running for two periods, it was agreed that they should continue through the next period, albeit with a new title.

2.6 Cooperation with IMO

The Advisory Council, represented by its Chairman, has continued to actively be involved in activities concerning EEDI and GHG-emissions.

3. OFFICERS FOR THE 30TH ITTC ADVISORY COUNCIL

Prof. Gerhard Strasser was reappointed as Chairman for the 30th ITTC Advisory Council and Prof. Daisuke Kitazawa as Vice Chairman.