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News from the Executive Committee

The 28th Executive Committee held its second meeting in Pula, Croatia, September, 2015. The meeting was organised by Brodarski Institute and was held in conjunction with the IMAM 2015 Conference. Among others, the meeting covered the items briefly described in the following.

EC was concerned about the unusually large number of changes in committee membership, see elsewhere in these News and ITTC News No. 63. However, as most of the resignations were caused by change of job, not much could be done about it. It was decided that additional members should be sought for the Specialist Committee on Ice and the Specialist Committee on Modelling of Environmental Conditions.

The EC Working Group on the Future of ITTC has been inactive since 27th ITTC, and it was decided to revive the group and increase the membership. Fabio di Felice was appointed Chairman of the group. Other members include

EC members Masashi Kashiwagi, Kourosh Koushan, Baoshan Wu and Gerhard Strasser. Further members of the group are Claus Simonsen, FORCE, Leszek Wilczynski, CTO, and Suak-Ho Van, KRISO. The group has its first meeting March 2016.

On an initiative by the Specialist Committee on Hydrodynamic Noise, it has been attempted to create a formal cooperation with ISO. However, this was not possible as, according to ISO regulations, formal liaison may be established with registered legal entities, only. EC is considering the implications of ITTC becoming a registered legal entity. In the meantime, cooperation follows the usual informal way of committee members participating in national representations in ISO.

Following up on the decision from the 27th Conference to increase the cooperation with ISSC in the form of a joint committee, EC has invited AC members to put forward candidates for the joint committee. Subsequently, it has been de-

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cided that the joint committee shall be established with two groups, one dealing with wave environment, the other with loads and responses. So far, six candidates have been nominated, but none from Northern or Southern Europe. The Terms of Reference for the joint committee have not yet been finalised.

The EC Chairman suggested that a general ITTC membership fee increase should be considered. No decision was made on this, and it will be taken up at the next meeting.

The 29th Conference shall be held in Southern Europe 2020, and the EC representative for that region shall invite candidates for hosting the conference to give a presentation of their candidature at the next EC meeting in St. John's, Newfoundland, September 2016.

Following the meeting, EC has prepared guidelines for representing ITTC vis-à-vis external bodies such as IMO, ISO and others. These guidelines have been distributed to committee chairmen and the AC and are published below in these News.

News from the Advisory Council

The 28th Advisory Council held its first meeting in Pula, Croatia, September 2015. The main task of this AC meeting was to review the progress of the technical committees based on the Progress Reports and procedures reviews submitted by them. The progress reporting has improved since the first period of the 27th ITTC, but is still not completely satisfactory. Too many reports do still not follow the standard and/or are submitted too late. AC discussed the possibility of improving the reporting by introducing a web based reporting system built up on a standard template which had to be followed. The idea has been dismissed due to the cost involved, but it has been decided to improve the reporting template. The template will be set up such that the committee has to specifically address each item of their Terms of Reference and each procedure/guideline under their responsibility.

The review of reports and procedures resulted in feedback which was subsequently sent to the committees to be considered in their further work.

AC discussed which action to be taken in response to the presentation by Maersk Maritime Technology at the 27th Conference, showing an unacceptably large scatter of speed/power predictions versus full scale measurements. It was decided that ITTC shall offer MMT to investigate the matter further. The offer was subsequently accepted by MMT, and a first meeting was held on 22 January 2016, attended by the AC Chairman and the ITTC Secretary, to agree on the framework for the investigation. Predictions made by six ITTC members were represented in the sample of ships included in the MMT presentation, MARIN, HSVA, FORCE, SSMB, HMRI and KRISO. Action from MMT is now awaited before we can proceed.

Reports from technical committees

Reports for the ITTC News have been received from two committees, only, the Resistance Committee and the Stability in Waves Committee.

Resistance Committee

The second meeting was held at NMRI Tokyo, Japan from 30 November to 1 December 2015 in conjunction with the 2015 Tokyo CFD Workshop. The status of the tasks was reviewed, as were the procedures under review and those being developed. The AC feedback on the Committees Progress report was also reviewed. This feedback mostly covered the work done following the first meeting which was held 3-4 March 2015 at NSWCCD, Washington, DC, USA, where the thirteen existing resistance procedures were reviewed. The Resistance and ESM Committees are discussing the potential overlap between the committees in regard to Skin Friction Reduction Methods and surface roughness. The third meeting will be held at QinetiQ, Portsmouth, UK in July 2016.

Stability in Waves Committee

The first meeting was held in Genoa Italy, on 1st and 2nd of April 2015 hosted by University of Genoa. The tasks were discussed and allocated to the members in the meeting. Paola Gualeni was elected Secretary.

Most of the committee members were attending to the STAB2015 conference in Glasgow in June 2015 and they took advantage of the kind

hospitably of Prof. Dracos Vassalos to hold an informal meeting for further discussion on ToR and about next meeting scheduling.

The second meeting was held in Hasaki Kamisu, Ibaraki Japan, 28th to 30th October 2015, hosted by National Research Institute of Fisheries Engineering -Fisheries Technology Division. In this occasion, committee members could already present some progress activity on their tasks. Interesting discussions were carried out about procedures review activity and about some ToR that are particularly lacking of literature e.g. scale effects assessment from model- to full-scale for steering control and active motion control in extreme waves and surface tracking methods for measuring flow between compartments.

The third meeting, planned in Germany, will be hosted by Technical University of Berlin and it will take three days. The meeting is going to be immediately after the stability workshop ISSW 2016 that is scheduled in June in Stockholm.

Survey of Environmental Modelling

The Specialist Committee on Modelling of Environmental Conditions (SC-MEC) has prepared a Questionnaire which will be distributed soon to all ITTC members with the aim of defining the state of the art and the current practice in modelling of environments (wind, waves, and currents) in test facilities. The Questionnaire has been prepared both as an electronic file and as an online survey (available at the link: <https://www.surveygizmo.com/s3/2529167/28th-ITTC-Specialist-Committee-on-Modeling-of-Environmental-Conditions>).

The survey will be closed on June, 1st 2016.

Joint Workshop on Manoeuvring in Waves

A workshop on Manoeuvring in Waves, jointly organized by the ITTC Manoeuvring, Seakeeping, Stability in Waves, Performance of Ships in Service Committees and the EU SHOPERA project, will be held on 14th April 2016 at Lloyd's Register in London.

The objective of this workshop is to exchange information on model testing and simulation methods to evaluate ship manoeuvring in waves and deepen the understanding about manoeuvring in waves. This workshop is open for all public, except for the debriefing session (16:30-

17:45), which is for ITTC committee members only.

The program and registration form of the workshop have already been distributed to the ITTC member organizations by e-mail. Further information can be obtained from Prof. Yoshitaka Furukawa, Kyushu University, fu-rukawa@nams.kyushu-u.ac.jp (chairman of the 28th ITTC Manoeuvring Committee).

Changes to Technical Committees

The following changes to technical committee membership have been registered since the latest ITTC News:

Sofia Werner, SSPA, left the SC on Performance of Ships in Service, and Walter Gyllenram, SSPA, and Florian Kluwe, HSWA, joined the same committee.

Victor Westerberg, SSPA, left the SC on Ice, and YAN Huang, Tianjin University, and David Molyneux, Memorial University, joined the same committee.

Julie Scharnke, MARIN, joined the SC on Modelling of Environmental Conditions.

Changes to ITTC membership

University College London, UK, has been registered as member of ITTC, which now has 97 members.

Marine Design and Research Institute of China, MARIC, has been accepted as member of the Advisory Council, which now has 37 members.

Updating of ITTC Catalogue of Facilities

The ITTC Catalogue of Facilities was collected and edited by the secretariat of the 21st ITTC in the period 1993 to 1995 and has not been systematically updated. Since then, new facilities have been built and others have been abandoned and demolished, so there is a strong need for a systematic updating of the catalogue, for the benefit of our customers as well as for our colleagues. The updating is now in progress, a new form for the facility description has been developed, and all ITTC members have been contacted and asked to provide updated descriptions. Facilities will be divided into the following categories:

- Towing tanks and basins, including ice tanks
- Cavitation tunnels and circulating water flumes
- Wind tunnels
- Manoeuvring simulators
- Others

Access to the descriptions are planned to be via links on the ITTC website to a series of Excel sheets where it is possible to sort on different parameters such as organisation, country, and main characteristics of the facility.

About 10% of the ITTC members have provided updated descriptions at this time. When the new catalogue is nearing completion, it will be uploaded to the ITTC website and replace the present version.

Proceedings of the 27th Conference

As it has not been possible to obtain response from all committees of the 27th ITTC to written questions, the organisers have now decided to close the editing of the Proceedings. The final version, including the report from the SC on Ice and an updated version of the report from the Ocean Engineering Committee, as well as Volume III containing presentations and discussions, will be available on the ITTC website, only. It is not planned to distribute the Proceedings on CD. Printed copies may be ordered from FORCE Technology for the cost of printing and shipment. Volume III is quite bulky, well over 1000 pages, so a printed version will be split in two.

Guidelines for liaison with external bodies

As mentioned in the report from the EC, a set of guidelines have been made, to be considered by persons appointed to represent ITTC vis-à-vis external bodies. The guidelines are as follows:

1. The Executive Committee (EC) represents ITTC between Full Conferences (ITTC Rules article 6.1).
2. The ITTC does not get involved in the development of policies expressed by governments or any other authoritative body. It is an independent body that consists of experts in their own technical field.

3. EC may delegate defined tasks vis-à-vis external bodies to an individual for a defined period of time.
4. The delegate shall report to EC and the Advisory Council (AC) on the activities in relation to the delegated work.
5. ITTC will cover reasonable and documented expenses for travel, board and lodging for the delegate incurred in connection with performing the delegated work. Prior to the expenditure, the delegate shall inform the EC about the estimated cost and get approval.
6. Any written submission in the name of ITTC shall, unless specifically agreed in each case, be submitted to EC for review and comment (to be performed by AC) no later than three weeks before the deadline for submission to the external body.
7. In consideration of the comments of AC, EC may approve, modify or reject the written submission to be made by ITTC.
8. Unless otherwise agreed in each case, the written submission shall be sent to the external body by the ITTC Secretary.
9. Any joint submission where ITTC is part shall follow the same guidelines.
10. In case a task vis-à-vis an external body is delegated to a technical committee, the committee shall be represented by its chairman or a member appointed by the chairman and approved by EC. The delegate shall act on behalf of the entire committee, and the entire committee shall be informed about and approve the action of the delegate. In case of any disagreement within the committee, EC shall be informed and take appropriate action.
11. All contact between the delegate and EC and AC shall go via the ITTC Secretary.