



ITTC2024

**30TH INTERNATIONAL TOWING TANK CONFERENCE
22–27 SEPTEMBER 2024 | HOBART TASMANIA AUSTRALIA**



PROCEEDINGS OF THE 30TH ITTC
VOLUME 2

Volume 2

Programme of 30th ITTC

Invitation from the Convenor

Committee Presentations

Executive Committee

Specialist Committee on Cavitation and Noise

Specialist Committee on Combined CFD and EFD Methods

Full-Scale Ship Performance Committee

Quality Systems Group

Manoeuvring Committee

Ocean Engineering Committee

Specialist Committee on Ocean Renewable Energy

Resistance and Propulsion Committee

Seakeeping Committee

Specialist Committee on Ice

Stability in Waves Committee

Specialist Committee on Wind-Powered and Wind Assisted Ships

Written Discussions of Committee Reports

Specialist Committee on Cavitation and Noise

Specialist Committee on Combined CFD and EFD Methods

Full-Scale Ship Performance Committee

Quality Systems Group

Manoeuvring Committee

Ocean Engineering Committee

Resistance and Propulsion Committee

Seakeeping Committee

Specialist Committee on Ice

Stability in Waves Committee

Specialist Committee on Wind-Powered and Wind Assisted Ships

Working Group on Parameters for Full Scale Power Predictions at Different Draughts

Report

Presentation

Discussion

EC Working Group on the Future of ITTC

The Future of ITTC presentation

Closing Session

Executive Committee presentation

Host of 31st ITTC Conference

ITTC Association General Assembly

General Assembly presentation

Group Discussions

Group Discussion 1: AI and Machine Learning in Our Area

The Role of Machine Learning in Ship Motion Assessment

Comparing Predictions with Maersk Ship Performance - Exploring Differences

Appendix

List of Attendees of the 30th ITTC Full Conference