23rd ITTC Proceedings

The Proceedings of the 23rd ITTC Conference as published here on the ITTC website are organized in a similar way as the Proceedings of the 22nd Conference.

The Technical Committees’ and Group’s reports, discussions and replies have been combined into one document for each committee/group.

The contents of the Proceedings are as follows:

Conference Opening Address
Welcoming Speech
Preface to Volume III
Participants to the Conference
The Advisory Council Report
The Executive Committee Report
The Tasks and Structure of the Technical Committees and Group of the 23rd ITTC

Committees’ and Group’s reports

Reports from the Technical Committees and Groups, discussions of the reports and the Committees’ and Groups’ responses to discussions

Resistance
Propulsion
Manoeuvring
Loads and Responses
Quality Systems
Speed and Powering Trials
Procedures for Resistance, Propulsion and Propeller Open-Water Tests
Validation of Waterjet Test Procedures
Cavitation Induced Pressures
Water Quality and Cavitation
Ice
Waves
Stationary Floating Systems
Esso Osaka
Prediction of Extreme Ship Motions and Capsizing

Group Discussions

Four Group Discussions were arranged at the Conference.

The contributions to these discussions have been included, although videos and duplicate presentations have been omitted to reduce the file sizes. The complete presentations including videos can be found on the CD sent out by the organizer of the Conference

Group Discussion A.1: New Experimental Techniques and Facilities
Group Discussion A.2: Accuracy of CFD Predictions
Group Discussion B.1: Model Manufacturing and Accuracy
Group Discussion B.2: IMO Standards and ITTC (Particularly related to Manoeuvring and Capsizing)