

5th International Conference & Exhibition Ballast Water Management ICBWM 2010

1- 4 November Grand Copthorne Singapore

**Submission of
Abstracts: Deadline
extended to 13 June**

Bringing together the
**Shipping, Maritime and
Research** communities

Ballast Water Treatment and Monitoring Technologies

- Laboratory Experiments, Land-based and Shipboard Trials
- New developments and innovative approaches
- Market developments

Approval Processes and Guidelines

- Status on guideline developments
- Test facility operations
- Sampling techniques and technologies

Ballast Water Management Plans by Ports and Ships

- Perspectives from the ports on ballast water management strategies
- Compliance monitoring and enforcement aspects
- Alternative ballast water management options

Views from ship builders

- Retrofitting aspects
- Innovative Ship Design for Ballast Water Management System

Survey & Certification

- Experiences from Classification Societies

Other Issues

- Marine bio-fouling and invasive species
- Designation of ballast water exchange areas
- Sediment management options
- IT applications for BWM including modelling

Who Should Attend

Several countries have ratified the Convention which is getting closer to implementation month by month. After obtaining IMO approvals, there has been a great leap in development of innovative ideas and technologies to address this complex issue. But still there is a number of issues to be addressed and questions to be answered.

For technology developers, this is the time to share your latest and existing technologies to the maritime community to allow newly built and existing ships to conduct ballast water management that meets the ballast water performance standard within the designated timeline.

For the maritime community, it is time to learn about the emerging and approved technologies and other innovative management systems.

For port authorities, it is the time to share and discuss your thoughts on implementation issues relating to compliance monitoring and enforcement aspects.

www.ballast2010.com

KEYNOTE SPEAKERS

Mr. Dandu Pughiuc, Head Biosafety Section, GloBallast Partnership IMO

Ballast Water Management – the regulatory process and status per November 2010

Prof. Ehsan Mesbahi, Newcastle University, United Kingdom

Present and future challenges for Ballast Water Management Systems – main lessons learnt from technology development so far

Mr. Per Croner, President, Wallenius Marine AB, Sweden

More than 50,000 ships are to be equipped with BWMS within the next decade. How does the maritime community raise this challenge?

Dr. Marcel Veldhuis, Senior Scientist, Royal Netherlands Institute for Sea Research, The Netherlands

Will there be instruments in the near future to rapidly sample and check the D2 standards without causing delays to ships?

Mr. Zafrul Alam, Assistant Director, Maritime and Port Authority of Singapore (MPA)

Challenges and opportunities in preparing Singapore to accept and implement the BWM Convention – control and enforcement aspects

Dr. Ashley Coutts, Principal Scientist, Biofouling Solutions Pty Ltd, Australia

Beyond Ballast Water Management: Marine bio-fouling and invasive species

Dr. Jose Matheickal, Chief Technical Advisor, GloBallast Partnership IMO

What are the major communication gaps between scientists, policy makers and industry?

Conference fee

Early bird (before 1 August 2010)	S\$890
Standard Price	S\$990
Student (Opening Cocktail and Conference dinner not included).....	S\$600

ORGANIZERS

DHI Water & Environment (S) Pte Ltd is an independent, international consulting and research organisation. Our objectives are to advance technological development and competence within the fields of water, environment and health.

The Institute of Environmental Science and Engineering Pte Ltd (IESE) was created as a centre of research excellence in environmental technology (ET), under the Nanyang Technological University. With its corporatisation to a commercial research company, it is now structured as a leading-edge technology organisation that provides value-added research and commercialization services in ET.

The **GEF-UNDP-IMO Globallast Partnership (GBP) Programme** aims to assist countries to reduce the risk of bio-invasions mediated by ships' ballast water and sediments. For more information please visit globallast.imo.org.

For more information contact DHI Water & Environment (S) Pte Ltd:

Ms Neo See See, Administrative Officer

Tel: +65-6777-6330

Fax: +65-6777-3537

Email: ballast2010@dhi.com.sg

PROGRAMME OUTLINE

Day One - 1 November 2010

Pre-Conference Events

2nd Test Facility Harmonization Forum (by invitation)
Pre-conference forum for the Ship-building industry

Welcome Reception & Opening of Exhibition

Day Two - 2 November 2010

Plenary Session and Keynote Speakers**Session 1**

Progress on innovative Ballast Water Management Technologies I

Session 2

Developments in Ballast Water Sampling and Monitoring

Official opening of the "Singapore Innovation Centre for Ballast Water Management and Land Based Test Facility"**Posters and Exhibition**

Day Three - 3 November 2010

Plenary Session**Session 3**

Ballast Water Management Plans by Ports and Flag States

Session 4

Progress on innovative Ballast Water Management Technologies II

Session 5

Risk Assessment of Ballast Water Management Systems

Session 6

Invasive Species: Beyond Ballast Water Management

Posters and Exhibition**Conference Dinner**

Day Four - 4 November 2010

Plenary Session and updates from pre-conference forums**Session 7**

What have we learned and the way forward

Site visits and tours (check our website for updates)**Register by 15 October 2010 Online:**

www.ballast2010.com

Hotel Accommodation The conference fee does not include hotel accommodation. Please consult our website for accommodation options.