



6th IMarEST Ballast Water Technology Conference

(Please note, the programme may be subject to change)

Day One

0900 – 0930

Registration and refreshments

0930 – 0940

Welcome to delegates and introduction

Secretary-General Kitack Lim, International Maritime Organization

Conference Chair: Tom Mackey, Co-Chair IMarEST BWEG

Session One: Implementation of the Ballast Water Management Convention – the Big Issues

0940 – 1010 KEYNOTE

The evolving world of Ballast Water Management System Approvals and G8 review

Marcie Merksamer, EnviroManagement Inc

1010 – 1040 KEYNOTE

Ballast Water Convention: Worldwide application of the regulations

Rob Collins and Martyn Haines, Clyde & Co

1040 – 1100

BWMC soon into force - what needs to be done?

Stephen Gollasch, Gollasch Consulting

1100 – 1120

COFFEE BREAK

1120 – 1150 KEYNOTE

Developments and achievements of the GloBal TestNet 2010-2016

Guillaume Drillet, Chair, GloBal TestNet

1150 – 1210

The storm of Ballast Water compliance is brewing – ports need to prepare

Matthijs Schuiten, Damen Green Solutions

1210 – 1230

Ports contingency planning and solutions

Edo Donkers, MEA-nl

Exhibitors/sponsors



Sponsors



Supporting partners



1230 – 1250
Q&A Session

1250 – 1410
LUNCH and EXHIBITION

Session Two: Technical & Operational Challenges

1410 – 1440 KEYNOTE

Compliance testing of ballast water: International Maritime Organization port State control and United States Environmental Protection Agency Vessels General Permit
Marcel Veldhuis, MEA-nl

1440 – 1500

Lessons learned in Ballast Water treatment equipment retrofit and commissioning
Robin Fearnley, BMT Defence Services

1500 – 1520

Selecting a suitable Ballast Water Treatment System for a small general cargo vessel
Alan Clare, Corrib Ship Management

1520 – 1540

COFFEE BREAK

1540 – 1600

Ballast Water Treatment System integration with the ship alarm and monitoring system (AMS)
Jim Mackey, Choice Ballast Solutions

1600 – 1620

Examining flow dynamics in Ballast Water Management Systems
Mark Riggio, Hyde Guardian Marine

1620 – 1640

Q&A Session

1640 – 1730

PANEL SESSION: Ballast Water Treatment Technologies

Nicos Constantinou, Ecochlor
Mats Björkendahl, Evoqua Water Technologies
Michael Levey, Global Advantech Resources Limited
Tom Kennedy, Optimarin
Mark Riggio, Hyde Marine
Brian Petri, Trojan Technologies

1730 – 1735

Summary and Closing Statements

1735 – 1900

Evening Drinks Reception

Day Two

0900 – 0925

Registration and refreshments

0925 – 0930

Welcome to delegates and introduction to day 2

Session Three: Compliance and Contingency

0930 – 1000 KEYNOTE

A Risk-based approach to compliance assessment. A look at the woods as well as the trees
David Wright, Environmental Research Services, Co-Chair IMarEST BWEG

1000 – 1015

The case for using the most probable number method in ballast water management system type approval testing

John Cullen, Dalhousie University

1015 – 1030

The MPN Method and UV-based treatment systems

Brian Petri, Trojan Technologies

1030 – 1050

Ballast Water Management policy to sampling – the Orkney Experience

David Sawkins, Orkney Deputy Harbour Master

1050 – 1110

COFFEE BREAK

1110 – 1130

Ballast tank sediments - a largely neglected issue which deserves more attention

Stephen Gollasch, Gollasch Consulting

1130 – 1150

Practical experiences in on-board Ballast Water compliance testing

Gerd Schneider, SGS Germany

1150 – 1210

Practical difficulties of sampling Ballast tanks – what lessons can be learned?

Paul Evans, Intertek

1210 – 1230

Q&A Session

1230 – 1330

LUNCH and EXHIBITION

Session Four: Preparing for Compliance: Issues with Ballast Water Sampling and Testing

1330 – 1400 KEYNOTE

Essential preparation for compliance and contingency options

Debra DiCianna, Choice Ballast Solutions

1400 – 1420

Rapid compliance monitoring using indicative tools

Pam Mayerfeld, Turner Designs

1420 – 1440

ATP assay for rapid on-board testing to detect living microorganisms in Ballast Water

Seungshic Yum, South Sea Environment Research Centre

1440 – 1500

COFFEE BREAK

1500 – 1520

Complementary metal oxide semiconductor (CMOS) based image cytometry for detection of phytoplankton in Ballast Water

Marc Jofre, Institut de Ciencies Fotoniques

1520 – 1540

Compliance testing

Stephanie Lavelle, Chelsea Technologies

1540 – 1600

How accurate are pulse amplitude modulated (PAM) instruments in calculating an algal cell concentration of Ballast Water Samples?

Stephen Gollasch, Gollasch Consulting (on behalf of Matej David, Matej David Consult)

1600 – 1625

Q&A Session

1625 – 1630

Summary and Closing Statements

FINISH

Poster Session (tbc)

- Kevin Oxborough, CTG Ltd
 - A rapid, on-board method for counting phytoplankton cells with the potential to be more accurate than microscope-based cell counting
- Paul Evans and Emma Langley, Intertek
 - Managing and Monitoring the First Five Years
- Lothar Schillak, Triton Marine Science & Consult
 - New Developments in Onboard Ballast Water Testing