

IMO-WMU Global R & D Forum on

Emerging Ballast Water Management Systems

27 - 29 January 2010

Pre-Conference Expert Workshop

26 January 2010

World Maritime University
Malmö, Sweden

Second announcement and call for papers

www.wmu.se



Global Industry Alliance



Following the successful IMO-GloBallast R&D Forum series, IMO-GloBallast Partnerships, the World Maritime University (WMU) and the Global Industry Alliance (GIA) are joining hands to organize the first **Research and Development Forum** on Emerging Ballast Water Management Systems. The Forum will bring together the international community engaged in developing innovative ballast water management systems, including alternate management systems, and provide an opportunity to share the latest R&D efforts, resulting in an open debate and review of the existing and emerging systems and the way forward to push the technology envelope to meet the challenges of ballast water management. This innovative Forum will bring together some of the world's largest maritime organizations involved in shipping, ship building and design, maritime R&D institutes, technology developers, environmental organizations and academia to discuss the cutting edge issues in ballast water management.

On 26 January, there will be a **pre-conference expert workshop** on proving equivalency between IMO Guidelines G8/G9 approved treatment systems and alternative management options. It will focus on critical questions related to establishing a scientific basis for proving equivalency with systems approved under G8/G9, in terms of providing protection to the environment, human health, property or resources (Regulation B-3, Paragraph 7). There is a limited number of places available at the workshop, so early registration is essential.

Forum Themes

- Alternative ballast water management options in the context of the IMO BWM Convention
- Existing and emerging design options
- Technical and environmental challenges for alternative management systems
- Innovative options for sediment management
- Tools for monitoring of BW: needs and options
- Industry perspectives on the way forward
- Latest developments in operational experiences with conventional treatment systems

Keynote Speakers

- | | |
|---------------------------|--|
| Professor Michael Parsons | University of Michigan |
| Mr Dandu Pughiuc | Head, Biosafety Section, IMO |
| Captain Graham Greensmith | Lead Specialist, External Affairs, Lloyd's Register |
| Dr Tim Bowmer | Chairman, GESAMP |
| Captain Tey Yoh Huat | Chairman of the IMO-GloBallast Global Industry Alliance Task Force |
| Dr Marcel Veldhuis | Senior scientist, Royal Netherlands Institute for Sea Research |



Call for Papers

We invite abstracts for topics related to Ballast Water Management (see Themes). The extended abstract, in English, of about 500 words should include objectives, results and conclusions. This should reach us no later than 1 November 2009. Abstracts will be reviewed by a review committee and authors will be notified of the acceptance by 15 November 2009. The full paper should be submitted by 18 December 2009 for inclusion in the Forum proceedings, published and distributed worldwide by IMO-GloBallast. Papers may also be selected for publication in a peer-reviewed journal.



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International Scientific Advisory Committee

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|-------------------------|--|
| Professor Björn Kjerfve | World Maritime University |
| Mr Miguel Palomares | International Maritime Organization |
| Mr Stefan Micallef | International Maritime Organization |
| Mr Dandu Pughic | International Maritime Organization |
| Dr Chris Wiley | Chairman of the IMO MEPC Ballast Water Working Group |
| Dr Jan Linders | Chairman of the GESAMP Ballast Water Working Group |
| Mr Ahmed A. Al Babbain | Vela International Marine Limited |
| Captain Tey Yoh Huat | APL Co. Pte Ltd., Chairman of the GIA Task Force |
| Mr Seong Do Park | Daewoo Shipbuilding & Marine Engineering Co Ltd |
| Ms Katharine Palmer | BP Shipping |
| Mr David Tongue | International Chamber of Shipping |
| Mr Andrew Hudson | UNDP |
| Mr Carl Gustaf Lundin | IUCN |
| Professor Thomas Waite | Florida Institute of Technology |
| Professor Pei Lin Zhou | Universities of Glasgow and Strathclyde |
| Dr Kai Truempler | Federal Maritime and Hydrographic Agency |
| Dr Flavio Fernandes | Instituto de Estudos do Mar Almirante Paulo Moreira |
| Dr Stefan Gollasch | GoConsult |
| Dr Anil CS | National Institute of Oceanography |
| Dr Richard Everett | US Coast Guard |
| Dr Cato ten Hallers | Netherlands Institute for Sea Research |

The Organizers

The World Maritime University (WMU) was established in 1983 by the International Maritime Organization, a United Nations specialised agency. Our mission is to serve the global maritime community as a centre of excellence and IMO's apex institution for high-level maritime education and research. For more information, please visit <http://www.wmu.se>

The GEF-UNDP-IMO GloBallast Partnerships (GBP) Programme aims to assist countries to reduce the risk of aquatic bio-invasions mediated by ships' ballast water and sediments. For more information, please visit [http:// globallast.imo.org](http://globallast.imo.org)

The Global Industry Alliance (GIA) is an innovative public-private partnership between the IMO GloBallast Partnership Programme and leading maritime companies. Current partners include BP Shipping, Daewoo Shipbuilding & Marine Engineering Co., Ltd, APL and Vela Marine International. The GIA aims at catalyzing innovations and change in the field of ballast water management, while providing business benefits for the industry. For more information, please visit <http://globallast.imo.org>

Registration and Accommodation

The Forum will be held at the St Gertrud Restaurant and Conference Centre in Malmö. The registration fee is €200. More information and on-line registration is available at www.wmu.se, or by email at conferences@wmu.se

A number of hotels have been pre-booked for the period of 24-28 January. They are all of high standard and in the centre of Malmö, just a short walk from the Central Station, shopping and restaurants. To get the discounted price, please quote "WMU-R&D Forum" when you make the booking.

Elite Savoy Hotel
Best Western Premier Mäster Johan Hotel
Radisson SAS Hotel