

# SOWOS

November 13, 2009

at Handwerkskammer Hamburg, Germany

**Ballast Water**

**Exhibition**

**Wastewater**

**Technology**

**Waste**

**Experience**

**Bilge Water**

**Regulations**

**Liquid Waste**

Picture: Kirk Williams

In accordance with:  
 Bundesministerium  
für Verkehr, Bau  
und Stadtentwicklung



Development and Assessment Institute  
in Wastewater Technology  
at RWTH Aachen University



German Ship Safety Association



German Shipowners' Association

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09:00 Registration desk open and opening exhibition

Moderation: See-BG / VDR

10:00 Opening lecture

10:10 **USCG Activities Europe: Safety, Security and Environmental Protection (*inquired*)**  
U.S. Coast Guard (International Port Security Liaison Officers IPSLO's), Netherlands

10:30 **Impact of Marine Fuels Quality Legislation on EU Refineries at the 2020 Horizon**  
Klaas den Haan (Technical Coordinator, CONCAWE), Belgium

10:50 **Implementing Shore-to-ship Electrical Connections**  
Dieter Brockmann (SAM Electronics GmbH), Germany

11:10 **The DryEGCS Process**  
**Dry Exhaust Gas Cleaning for the Reduction of Sulphur and Particles**  
Ralf Jürgens (Senior Engineer R&D, Couple Systems), Germany  
Dr. Dirk Thum (MAN Diesel SE), Germany

11:30 **Reducing Emissions  $\text{SO}_2$ ,  $\text{NO}_x$  and  $\text{CO}_2$  - Using Freshwater and Seawater**  
Thomas Knudsen (Ecospec Scandinavia), Denmark

11:50 Discussion

12:05 Lunch / Exhibition

Moderation: PIA

13:25 **Green Award Certification: Safe and Clean Shipping**  
Jan Fransen (Managing Director, Green Award Foundation), Netherlands

13:45 **Marine Environmental Protection on Board of Cruise Vessels**  
Denver Ehrlich (Director Audit & Environmental Management, AIDA Cruise Line), Germany

14:05 **Vulnerability of UK ports**  
**to Ballast Water Discharge and Enforceability of G2 by Port Authorities**  
Prof. Ehsan Mesbahi (Newcastle University), United Kingdom

14:25 **The Ballast Water Opportunity Project**  
**Future Strategies to Reduce Ship-borne Bio Invasions**  
Dr. Marcel Veldhuis (Royal Netherlands Institute for Sea Research (NIOZ)), Netherlands

14:45 **Ballastwater Management - Current Status and Outlook**  
Ramona Zettelmaier (Lloyds Register, Head of the working group for ballastwater management NSMT Hamburg), Germany

15:05 Discussion

15:20 Closing Lecture

(September 7th, 2009; program modifications reserved)

Sponsored by:

