

# SOWOS

November 15, 2016

at Handwerkskammer Hamburg, Germany

**Ballast Water**

**Disinfection**

**Exhibition**

**Waste Water**

**Technology**

**Scrubber**

**Waste**

**Liquid Waste**

**Bilge Water**

**Regulations**

**Experience**

In accordance with:



Federal Ministry  
of Transport and  
Digital Infrastructure



BLUNDESAMT FÜR  
SEESCHIFFFAHRT  
UND  
HYDROGRAPHIE

Picture: Kirk Williams



Development and Assessment Institute  
in Wastewater Technology  
at RWTH Aachen University



Ship Safety Division  
BG for Transport and Traffic



German Shipowners' Association

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**09:00** Registration desk open and opening exhibition - welcome coffee

## Welcome

**10:00** Holger Steinbock (Ship Safety Division, BG for Transport and Traffic)

**10:15** Jörg Kaufmann (BSH - Federal Maritime and Hydrographic Agency)

**Moderation: Dr. Elmar Dorgeloh (PIA)**

## Opening lecture

**10:30** **Current developments on international environmental protection regulations**  
Dieter Rettig (DNV GL - Maritime)

## Marpol Annex IV and MEPC.227(64) requirements

**11:00** **Outcome of the "International Workshop on Port Reception Facilities for the Baltic Sea as Special Area according to MARPOL Annex IV"**  
Carolin Abromeit (BSH - Federal Maritime and Hydrographic Agency)

**11:30** **2016 CLIA simulation exercise on MARPOL Annex IV Special Area**  
Paul Altena (CLIA)

**12:00** **Separated black- and greywater treatment on board of AIDAprima**  
Thilo Seibicke (Carnival Maritime)

**12:30** **Lunch / Exhibition / Discussion**

**Moderation: Holger Steinbock (Ship Safety Division, BG for Transport and Traffic)**

## Marpol Annex VI

**14:00** **Experience in scrubber operation and washwater quality on board of TUI cruise vessels**  
Lucienne Damm (TUI Cruises)  
Markus Joswig (PIA)

**14:30** **Experience in scrubber operation and discharge of EGCS residues in ports**  
Laura Langh-Lagerlöf (Langh Group)

**15:00** **Future marine fuels with regard to 2020 sulphur limits**  
Naeem Javaid (Lloyd's Register)

## Ballast Water

**15:30** **Entry into force of the Ballast Water Management convention and revised G8 Guidelines**  
Dr. Stephan Gollasch (GoConsult)

## Closing Lecture

**16:00** Dr. Elmar Dorgeloh (PIA)

**16:10** **Coffee Break / Discussion**

*November 12th, 2016; program modifications reserved)*

In accordance with:

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