

# SOWOS

November 30, 2017

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



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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)  
Wolfgang Hintzsche (VDR - German Shipowners' Association)  
Jörg Kaufmann (BSH - Federal Maritime and Hydrographic Agency)

## Opening Lecture

10:20 **Current developments on international environmental protection regulations concerning discharges from ships into the sea**  
Jorma Kämäräinen (Vice Chair Helcom Maritime)

## Ballast Water

10:50 **Entry into force of the Ballast Water Management Convention**  
Stephan Gollasch (Gollasch Consulting), Matej David (Dr. Matej DAVID Consult)

11:10 **US Coast Guard type approval of BWMS**  
Claudia Dreszer (HYTECON GmbH)

## Port Reception Facilities

11:30 **Development of a best practice guidance for the handling of waste water in ports for the special area Baltic Sea**  
Susanne Heitmüller (BSH - Federal Maritime and Hydrographic Agency)  
Markus Joswig (PIA)

11:50 **Upgrade of the port reception facility for waste water in the Port of Kiel**  
Andreas Obermayer (UNITECHNICS KG)

12:10 **Waste handling on board of cruise ships and discharge to port reception facilities**  
Lucienne Damm (TUI Cruises)

12:30 **Optimizing port reception facilities to reduce the input of marine litter**  
**-A recommendation of the German round table on marine litter-**  
Katja Broeg (BSH - Federal Maritime and Hydrographic Agency)

12:45 **Lunch / Exhibition / Discussion**

## Waste Water

14:00 **Update on the CLIA simulation exercise on MARPOL Annex IV special area**  
Paul Altena (CLIA - Cruise Lines International Association)

14:20 **Environmental compliance monitoring and challenges related to residues from BWMS and scrubbers**  
Benny Carlson (Marinfloc)

14:40 **Black- and grey water solutions on ships - progress and challenges**  
Wei Chen (Wärtsilä Water Systems Ltd)

15:00 **Sewage treatment plants on river cruise vessels - retrofitting and remote control**  
Angelo de Mul (PureBlue Water)

15:20 **Compliance control on vessels in the Port of Hamburg**  
Torsten Wrobel (Water Police Hamburg)

## Standardization

15:40 **Standards for the marine industry - development of a standard for waste water treatment on board of ships**  
Jens-Uwe Jendrošek (DIN NSMT), Markus Joswig (PIA)

## Closing Lecture

15:50 Elmar Dorgeloh (PIA)

16:00 **Coffee / Discussion**

November 30th, 2017; program modifications reserved

In accordance with:



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