

MESA's "The Connected Ship and Shipping" Workshop

BRUSSELS, 29 JUNE 2016

Fully autonomous ships are expected to operate unmanned in the not-too-distant future, and the elements of the concept are already being developed by innovative technology companies and research organisations. Smart ships with improved connectivity and reduced manning offer an intermediate step on the way to fully autonomous ships. But is the technology running ahead of practical considerations, and is the Achilles' heel the inability to guarantee software security?

In this Workshop on "The Connected Ship and Shipping" presentations will be given on two autonomous ship projects, on the regulatory framework for unmanned ships, sea traffic management, and on maritime cyber security. These presentations will help identify future innovation, security, and regulatory needs, as well as research and development priorities for Smart and Autonomous ships and shipping.

The participants of this workshop will include the European Commission, Maritime Industry and Associations, Classification Societies, Research Organisations, Universities and Institutes, and the WATERBORNE^{TP} Support and Mirror Groups.

Registration

To register please write an informal email to Tony Morrall tmorrall@bmtmail.com or use the website www.maritime-rdi.eu to register with your name, organisation, department, and an indication that you would like to attend.



Agenda

Venue: Stanhope Hotel, Brussels

www.thonhotels.com/hotels/countrys/belgium/brussels/stanhope-hotel

- 09:00** Registration
- 09:30** Welcome and Introduction
- 09:35** **MUNIN:**
Maritime Unmanned Navigation through Intelligence in Networks - Ørnulf Jan Rødseth, MARINTEK
- 10:05** **Sea Traffic Management (STM):**
Voyage Management services, including: route planning, route exchange, and route optimisation services - Björn Andreason, Swedish Maritime Administration
- 10:35** **Finnish Autonomous Ship:**
The Advanced Autonomous Waterborne Applications Initiative - Esa Jokioinen, Rolls-Royce
- 11:05 - 11:20** Coffee break
- 11:20** **Sarums:**
Regulatory framework for unmanned ships, European Defence Agency project: – Robert Veal, Southampton University
- 11:50** **Maritime cyber security:**
Maritime Advisory report - Svante Einarsson, DNV GL
- 12:20** Round Table Discussion
- 13:00** Close & Lunch