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?

Following on from the 3rd Workshop, which focussed on port connectivity, this Workshop is about "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 WATER*BORNE*TP Support and Mirror Groups.

Registration

To register please write an informal email to Tony Morrall tmorrall@bmtmail.com giving your name, organisation, job title, and an indication that you will attend.

AAWA: Rolls-Royce

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 (AAWA):** 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