



SARUMS



PROGRAMME

Exploring Safe Design and Operations for the European Unmanned Maritime Systems

27 March 2014, EDA Brussels

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- 09.30 Introduction to workshop
- 09.50 Assurance of unmanned marine vehicles , Lloyds Register, United Kingdom
- 10.20 Addressing the Barriers to UUV Development - Reflections from the Aviation Industry. Frazer-Nash Consultancy Ltd, United Kingdom
- 10.40 Break**
- 11.10 Unmanned Maritime Systems (UMS) and Unmanned Maritime Vehicles (UMV), One Temple Avenue Chambers, United Kingdom
- 11.40 Lessons learned from experiments in multi-UMS operations, the REP13 exercise. Portuguese Navy, Faculdade de Engenharia da Universidade do Porto, Portugal
- 12.10 A pragmatic approach towards UMS standardization ECA Robotics and SAGEM, France
- 12.40 Lunch (Non hosted)**
- 14.00 Safety Issues when Adapting AUV Designs to New Conditions, Saab, Sweden
- 14.30 Human factors in remote control of unmanned vessels, Chalmers, Sweden
- 15.00 UMS Sense and avoid capabilities, BMT, United Kingdom
- 15.30 Break**
- 16.00 Time, authority and control in an UMS collision avoidance scenario. ThyssenKrupp Marine Systems AB, Sweden
- 16.30 Discussion and final words