UMS 2014
3rd Workshop on European Unmanned Maritime Systems
Thursday, 29 May 2014

8:30-9:00 | Registration/Reception of participants

Introduction

9:00-9:10 | Welcome note

9:10-9:30 | Unmanned Maritime Systems Programme in EDA

Joerg Hillmann, Capability, Armament & Technology Directorate, Head of Unit LAND and MARITIME Domains, European Defence Agency

9:30-9:50 | The Portuguese MoD support to R&D - a maritime perspective

João Neves, Ministry of National Defence, PT

Session 1: EDA Projects

10:00-10:20 | RACUN – Summary and Status Update

Volkmar Nejedl, Technical Center for Ships and Naval Weapons, Naval Technology and Research, DE

10:20-10:40 | Use of USVs for Modular Lightweight Minesweeping (MLM)

Morten Nakjem, FFI – Norwegian Defense Research Establishment, NO

10:40-11:00 | CAPEM – Overview and flow noise trials

Volkmar Nejedl, Technical Center for Ships and Naval Weapons, Naval Technology and Research, DE

11:00-11:20 | Network Enabled Cooperation System of Autonomous Vehicles - NECSAVE

Ruben Rodrigues, Portuguese Navy, PT

11:20-11:40 | Coffee break / Posters Teaser Talks

Session 2: UMS Technologies, Challenges and Regulations

11:40-12:00 | BURMIN Project

Paul Penven, THALES Group, FR

12:00-12:20 | Long Endurance Marine Unmanned Surface Vehicle

Vince Dobbin, ASV Global, UK

12:20-12:40

Challenges facing wider adoption of maritime unmanned systems
Gareth Jones, Atlas Elektronik, UK

12:40- 13:00 | Safety and Regulations for European Unmanned Maritime Systems

Magnus Ornfelt, Swedish Defence Materiel Administration (FMV), SE

13:00- 14:30 | Lunch

Session 3: Keynote Speeches

14:30- 14:50 | Spanish Programmes and Activities on UMS

Julio Dolado, NCP for Security in H2020, CDTI – Spanish authority of the ministry of economy and competitiveness, ES

14:50- 15:10 | EMSA’s perspective on RPAS/UAV Maritime Surveillance services

Leendert Bal, Director Operations, EMSA – European Maritime Safety Agency, PT

15:10- 15:30 | Portuguese Industry Experience and Competences in UAV for Maritime Invigilation

GEN José Cordeiro, President, DANOTEC, PT

15:30- 15:50 | Coffee break

15:50- 16:10 | SESAR State of the Art – Civil RPAS Insertion in the European Aviation System (demonstration Projects on maritime SAR)

Denis Koehl, SESAR JU, FR

16:10- 16:30 | TEC4SEA - Modular Platform for Research, Test and Validation of Technologies Supporting a Sustainable Blue Economy

Paulo Mônica, INESC TEC, PT

Session 4: Funding Opportunities

16:30- 17:00 | Funding Opportunities for Unmanned Maritime Systems in Galileo & H2020 Programmes

João Romana, NCP Aeronautics & Space in H2020, FCT – Fundação Ciência e Tecnologia, PT

17:00 | End of first day
Friday, 30 May 2014

8:30-9:00 | Registration/Reception of Participants

9:00-9:10 | Welcome note

Session 1: UMS Technologies

09:10-09:30 | MetaSensing’s MiniSAR sensor for border surveillance
Alex Coccia, MetaSensing, IT

09:30-09:50 | Vertical Obstacle Avoidance for AUVs
Marco Jacobi, Fraunhofer IOSB-AST, DE

09:50-10:10 | PROJECT SEAGULL - long-endurance Unmanned Aerial System (UAS)
Mário Marques, Portuguese Navy, PT

10:10-10:30 | Coffee break

Session 2: UMS European Projects

10:30-10:50 | TURTLE Project
António Valente, PLY Engenharia, PT

10:50-11:10 | FP7 MUNIN Project
Ørnulf Jan Rødseth, Marintek, SINTEF, NO

11:10-11:30 | FP7 ICARUS Project
Alfredo Martins, INESC TEC, PT

11:30-11:50 | FP7 SUNRISE Project
Roberto Petroccia, Univ. Roma "La Sapienza", IT

11:50-12:10 | FP7 SUNNY Project
William Martin, BMT Group, UK

12:10-12:50 | Debate on Operational needs for Unmanned Systems on EU maritime border control operations
Moderator: João Neves, Ministry of National Defence, PT

12:50-13:00 | Concluding remarks

13:00
End of the workshop