

**FREE  
TO ATTEND**

# Maritime Dual Use Conference

## Autonomous Systems and Satellite Applications

Ocean Business is delighted to host this important conference **organised by Marine South East and supported by the European Commission**. The conference focuses on defence and commercial applications in autonomous systems and satellite applications.

Recognising these trends, non-profit Marine South East is hosting this conference to target maritime dual-use opportunities in autonomous systems and satellite applications.

Both of these areas are on a growth curve for investment and are attracting widespread interest across public and private sectors. The goal of the conference is to highlight innovation priorities and initiate relationships across defence and commercial, involving major primes and SMEs.

The day will focus on two technology themes currently enjoying strong investment in both civil and military applications, with large numbers of SMEs in the value chain, but where dual-use priorities are not systematically identified:

- **Maritime information services**, including satellite applications, maritime Internet of Things, cyber security and dual-use data analytics and web services;
- **Sensor platforms and autonomy**, including marine autonomous systems, energy storage for endurance, sensors and smart sensor networks.

Delegates will hear from funding bodies and industry partners looking to fully exploit the entrepreneurial opportunities and synergies between dual-use products, services and technologies that can drive innovation in both the civil and defence marine and maritime sectors.

### **FREE to attend**

Pre-registration was well received and the event is expected to sell out, but visit the Lecture Theatre on Level 4 to see if space is available.

ORGANISED BY:



SUPPORTED BY:



# Programme



**Tuesday 4 April 2017**

## Lecture Theatre, Level 4

09.00 Registration, coffee and networking

### SESSION 1

#### INTRODUCTION AND SCENE-SETTING

Moderator: Iain Shepherd, Chairman, Marine South East, UK

09.30 **Role of dual-use programme to accelerate innovation and competitiveness**  
Incoming Director, Defence & Security Accelerator, UK

09.40 **Ongoing initiatives in dual-use innovation**  
Paul Winstanley, Executive Director Innovation  
Defence Solutions Centre, UK

09.50 **European actions and instruments in support of dual-use initiatives**  
Paul Anciaux, Policy Officer DG Grow  
European Commission, Belgium

10.05 **Maritime dual-use priorities and goal of workshop**  
Jonathan Williams, CEO, Marine South East, UK

### SESSION 2

#### EXPLOITING GROWTH IN MARITIME INFORMATION SERVICES

10.10 **Demand for maritime information services**  
Tim Munn, Technical Lead, Maritime Autonomous Systems  
Thales, UK

10.25 **The role of satellite applications**  
Gordon Campbell, Engineer, European Space Agency, Italy

10.40 **Maritime Internet of Things and cyber security**  
Rob Myers, Senior Director, Inmarsat, UK

10.55 **Dual-use data analytics and web services**  
Bruce Tomlinson, Chief Executive, HR Wallingford, UK

11.10 Coffee break and networking

11.40 **Panel Discussion**  
**Building blocks for creating maritime information services, technologies, business models and collaboration**  
Facilitator: Nick Lambert, Head of Market Facing Programmes, Satellite Applications Catapult, UK

12.30 **Keynote Address**  
**Dual-use activities in the US Blue Economy and how we can all benefit from international collaboration**  
Michael Jones, President, The Maritime Alliance, USA

12.50 Lunch

### SESSION 3

#### EXPLOITING GROWTH IN SENSOR PLATFORMS AND AUTONOMY

Moderator: Paul Winstanley, Executive Director Innovation  
Defence Solutions Centre, UK

13.40 **Marine autonomous systems: dual-use priorities**  
R Adm Paul Bennett, Chief of Staff, Royal Navy, UK

13.55 **Technical barriers that need to be overcome**  
Gwyn Griffiths, Principal, Autonomous Analytics, UK

14.10 **Sensors and smart sensor networks**  
Simon Gerrard, Industry Liaison Manager  
Southampton Marine & Maritime Institute, UK

14.25 **Building dual use systems: An SME perspective**  
Dan Hook, Managing Director, ASV Global, UK

14.40 **Panel Discussion**  
**Mapping next generation marine autonomous systems for defence and civil markets**  
Facilitator: Kevin Forshaw, Associate Director Enterprise and Research Impact, National Oceanography Centre, UK

15.30 Coffee break and networking

### SESSION 4

#### BUILDING FUTURE DUAL-USE PROGRAMMES AND COLLABORATIONS

Moderator: Paul Winstanley, Executive Director Innovation  
Defence Solutions Centre, UK

16.00 **Panel member introductions**

16.20 **Panel Discussion and Open Forum**  
Facilitator: Jonathan Williams, CEO, Marine South East, UK

17.10 **Conclusions and Introduction to Day 2 B2B Matchmaking**  
Jonathan Williams, CEO, Marine South East, UK

17.15 **Visit to Ocean Business show and Wine Trail**

18.15 **Reception with Guest Speaker**  
NOC Cafeteria, Level 4

