



Federal Ministry  
for Economic Affairs  
and Energy



## Invitation

# **International Symposium on Maritime Safety and Security (MSS) Applications (June 13-14, 2017)**

Dear Sir or Madam,

On behalf of the Federal Ministry for Economic Affairs and Energy and the Free Hanseatic City of Bremen we hereby cordially invite you to the international **Symposium on Maritime Safety and Security (MSS) Applications**.

The symposium will take place on **June 13-14, 2017 in the Congress Center Bremen, Germany**. It is an initiative under the German National Masterplan Maritime Technologies (NMMT) targeted at advanced maritime technologies and innovation.

Maritime safety and security is particularly about technologies to secure critical infrastructures and the safety of maritime transport. Furthermore, the sustainable use of the oceans and the exercise of sovereign functions to safeguard coastal and environmental protection are becoming increasingly important.

The two days' conference aims at drawing a baseline on German and international initiatives and activities in the field of maritime safety and security. It is the intention to collect and compile a comprehensive overview on market requirements, statutory developments and ongoing innovation trends. This will include the presentation of latest products and research results, demonstrated in the following application fields

- Autonomous monitoring of maritime infrastructures
- Wide-area surveillance of sea areas
- Integrated sea traffic monitoring and management
- Safety and security services
- Marine environmental monitoring
- Protecting the logistic chain

Please, be informed that the symposium will be conducted in English.

### **Registration:**

Please register (**free of charge**) under <http://www.nmmt.de/registration.php>.

We are looking forward to meeting you in Bremen!

Kind regards  
NMMT Office



NMMT programme office  
under a contract of the German Ministry for Economic Affairs and Energy



Federal Ministry  
for Economic Affairs  
and Energy

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## Symposium on Maritime Safety and Security (MSS) Applications

13 and 14 June 2017, from 10.00h to 17.00h and 9.00 to 16.00h  
Congress Center Bremen (CCB) - Theodor-Heuss-Allee, 28215 Bremen, Germany

### Programme – 13 June 2017

*Moderation morning session: Joachim Brodda; NMMT Office*

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09.00	Registration and welcome-coffee
10.00	<b>Welcome; the NMMT in the German “Maritime Agenda 2025”</b> <ul style="list-style-type: none"><li>• Uwe Beckmeyer, German Maritime Co-ordinator, Federal Ministry for Economic Affairs and Energy, Berlin, Germany</li></ul>
10.15	<b>Introduction and general outline –MSS and NMMT</b> <ul style="list-style-type: none"><li>• Holger Klindt, Speaker GMT-NMMT MSS Initiative, Bremen, Germany</li></ul>
10.30	<b>Integrated sea traffic management from ship and shore</b> including results of projects COSINUS and MTCAS <ul style="list-style-type: none"><li>• Dr.-Ing. Elke Gehrman, Raytheon Anschutz, Kiel, Germany</li></ul>
11.00	<b>Maritime safety and security services</b> including results of project EMSec <ul style="list-style-type: none"><li>• Dr. Panagiota Anastasopoulou, Atlas Elektronik, Bremen, Germany</li></ul>
11.30	<b>Autonomous surveillance of critical infrastructure</b> including results of projects VESPER and SIREVA <ul style="list-style-type: none"><li>• Dr. Dirk Dreißig, MARSIG, Rostock, Germany; Michael Schneider, ATS Elektronik, Wunstorf, Germany</li></ul>
12.00	<b>Monitoring MetOcean parameters from space – Implications for offshore safety and security</b> <ul style="list-style-type: none"><li>• Sven Jacobsen, Head of the DLR Maritime Safety and Security Lab Bremen, Germany</li></ul>
12.30	Lunch break
<i>Moderation afternoon session: Holger Klindt; Speaker GMT-NMMT MSS Initiative</i>	
14.00	<b>Wide area surveillance</b> including results of project PASSAGES and Global Maritime Monitoring <ul style="list-style-type: none"><li>• Frank Michaelis, Alexander Kaptein, Airbus Defence and Space; Bremen, Germany</li></ul>
14.30	<b>Maritime logistics – the EU “Sea Traffic Management” project</b> including results and follow-up of EU Monalisa projects <ul style="list-style-type: none"><li>• Thomas Steen Christensen, Danish Maritime Authority, Copenhagen, Denmark</li></ul>
15.00	<b>Future architecture maritime cloud</b> including status report on EMIR <ul style="list-style-type: none"><li>• Dr. André Bolles, OFFIS, Oldenburg, Germany</li></ul>
15.30	Coffee break
16.00	<b>The Korean eNavigation project “SMART-Navigation”</b> <ul style="list-style-type: none"><li>• Dr. Jin H. Park, Head of System Engineering Management Team @ SMART-Navigation Project, Korean Research Institute of Ships and Oceans (KRISO), Daejeon, South Korea</li></ul>
16.30	<b>The Japanese Project SSAP - Smart Ship Application Platform</b> <ul style="list-style-type: none"><li>• Jungo Shibata, Unit Leader, Maritime Information Team, Maritime Technology group, MTI Co.,Ltd., Tokyo, Japan</li></ul>

### Senate Reception – 13 June 2017 – Bremen Townhall

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18.30	Reception by the Lord Mayor, Free Hanseatic City of Bremen
-20.30	Bremen Town Hall – Bremen’s UNESCO World Heritage site, Am Markt 21, 28195 Bremen

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## Programme – 14 June 2017

*Moderation: Steffen Knodt; German Association for Marine Technology*

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08.30	Registration and welcome-coffee
09.00	<b>Welcome, “Maritime Agenda 2025”, NMMT</b> <ul style="list-style-type: none"><li>• <i>MinDirig Holger Schlienkamp, Federal Ministry of Economic Affairs and Energy, Berlin, Germany</i></li></ul>
09.15	<b>NMMT MSS perspective markets</b> <ul style="list-style-type: none"><li>• <i>Joachim Brodda, BALance Technology Consulting, NMMT Office, Bremen, Germany</i></li></ul>
09.40	<b>Future market and technological challenges for MSS – Prospects of IMO eNavigation</b> <ul style="list-style-type: none"><li>• <i>John E. Hagen/Jon L. Ervik, Norwegian Coastal Administration, Ålesund, Norway</i></li></ul>
10.00	<b>Future market and technological challenges for MSS – the view of CIRM</b> <ul style="list-style-type: none"><li>• <i>Michael Bergmann, Bergmann-Marine, President Comité International Radio-Maritime (CIRM), Grosskrotzenburg, Germany</i></li></ul>
10.20	<b>EMSA’s Integrated Maritime Services: adding value via the integration and sharing of multiple information sources</b> <ul style="list-style-type: none"><li>• <i>Yann Le Moan, Senior Project Officer, European Maritime Safety Agency EMSA, Lisbon, Portugal</i></li></ul>
10.40	<b>Discussion</b>
11.00	Coffee break
11.30	<b>European testbed for the maritime Common Information Sharing Environment in the 2020 perspective EUCISE 2020</b> <ul style="list-style-type: none"><li>• <i>Jesus Hermida, EU Joint Research Centre (JRC), Ispra, Italy</i></li></ul>
11.50	<b>Cyber and digital transformation in the marine industry</b> <ul style="list-style-type: none"><li>• <i>Paolo Scialla, Lead specialist - Electrotechnical systems, Lloyd’s Register EMEA, Trieste, Italy</i></li></ul>
12.10	<b>MSS Research perspectives in the light of Horizon 2020 and EU Framework Programme 9</b> <ul style="list-style-type: none"><li>• <i>N.N., European Commission, DG Migration and Home Affairs, Brussels, Belgium</i></li></ul>
12.30	<b>Discussion</b>
12.45	Lunch break
<i>Moderation: Steffen Knodt; German Association for Marine Technology</i>	
14.00	<b>Future Panel</b> <ul style="list-style-type: none"><li>• <i>Industry and public stakeholders</i></li></ul>
<b>Closing remarks</b>	
16.00	End of Symposium

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### Project abbreviations:

COSINUS (Integrated sea traffic management from ship and shore)  
MTCAS (Electronic Maritime Collision Prevention)  
VESPER (Improvement of Safety for Persons in Ferry Shipping)  
SIREVA (Passenger Localization & Tracking System)  
EMSec (Real Time Services for Maritime Safety and Security)  
PASSAGES (Protection & Advanced Surveillance System for the Arctic)  
EU Monalisa (MONALISA und MONALISA 2.0: Motorways & Electronic Navigation By Intelligence at Sea)