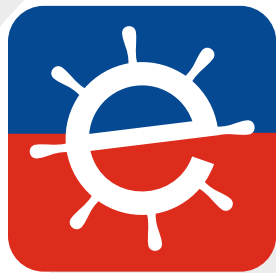




**DANISH MARITIME AUTHORITY**

**international**



**e-Navigation  
underway 2017**

e-Navigation:  
**A Showcase of Progress and Trends**

Copenhagen • Oslo • Copenhagen  
**January 31<sup>st</sup> - February 2<sup>nd</sup>**



**IALA**

## Day 1

- 13:00 Welcome address**  
Omar Frits Eriksson, Dean IALA World-Wide Academy, Conference chair
- 13:10 Opening of the Conference**  
Francis Zachariae Secretary General, IALA  
Troels Blicher Danielsen Deputy Director General, Danish Maritime Authority  
Kwang-youl Park Assistant Minister, Ministry of Ocean and Fisheries, Korea
- 13:40 Keynote: From testbeds to Implementation – e-Navigation hits reality**  
Michael Bergman President, CIRM
- 14:10 IALA's work in e-Navigation**  
Michael Card Deputy secretary general, IALA
- 14:25 IALA webpage on test bed's**  
Seamus Doyle Committee Secretary, IALA
- 14:40 An update on cyber initiatives in the maritime industry**  
Lars Robert Pedersen Deputy Secretary General, BIMCO
- 15:00 Break**
- 15:30 Progress and trends; the IHO perspective**  
Gilles Bessero Director, IHO
- 15:50 Status on the IMO e-navigation process**  
John Erik Hagen Regional director, Norwegian Coastal Administration
- 16:10 IMPA's view on e-Navigation**  
Simon Pelletier President, IMPA
- 16:30 Break**
- 17:00 E-Navigation - the Implications for Ports**  
Kevin Richardson President, International Harbour Masters' Association
- 17:20 E-Navigation from the end users perspective**  
Johan Gahnstrom Senior Manager, Intertanko
- 17:40 e-Navigation – Who is paying for the Party?**  
Anders Brödje Manager, Bahamas Shipowners Association
- 18:00 End of day 1**

## Day 2

### *General perspectives*

- 8:30 Increased efficiencies through use of e-navigation Services and Smart Connected Ship**  
Dmitry Rostopshin Director, Transas, Russia  
Anders Rydlinger Director, Transas, Sweden
- 8:50 S-100: the underpinning of eNavigation**  
Julia Powell Deputy Chief, NOAA

- 9:10**      **New EU funding opportunities to support navigation and search and rescue**  
Manuel Lopez-Martinez      Technology officer, European GNSS Agency
- 9:30**      **Break**
- A Cluster of e-Navigation Projects***
- 10:00**      **The Maritime Cloud - underneath it all**  
Thomas Christensen      Project manager, Danish Maritime Authority  
André Bolles      R&D manager, OFFIS, Germany  
Jin Park      Head of System Integration Management Team, KRISO, Korea
- 10:30**      **STM going live – The STM test beds**  
Mikael Hägg      Swedish Maritime Administration
- 10:50**      **EfficienSea2 – half way there**  
Bjørn Borbye Pedersen      Director, Danish Maritime Authority
- 11:10**      **SMART-Navigation: an e-Navigation project focusing on non-SOLAS ships as well as SOLAS ships**  
Hanjin Lee      Project Manager, KRISO, Korea
- 11:30**      **Break**
- A Selection of Test Beds***
- 12:00**      **Route exchange in the SESAME Straits e-Navigation test bed**  
Todd Schuett      Project Manager, Kongsberg
- 12:20**      **Experiences gained from e-Navigation test-bed in Finnish VTS's**  
Tuomas Martikainen      Senior officer, Finish Transport Agency
- 12:40**      **Testbed for intelligent fairway smoothening path for autonomous vessels**  
Jorma Timonen      Senior Officer, Finish Transport Agency
- 13:00**      **Lunch**
- A selection of Test Beds (cont.)***
- 14:00**      **Dublin Bay Digital Diamond**  
Deirdre Lane      Commisioners Of Irish Lights
- User Perspectives***
- 14:20**      **DanPilots perspektive/use of e-Navigation**  
Søren Westerskov      Chief Pilot, DanPilot
- 14:40**      **Display of e-Navigation information**  
Thomas Porathe      Professor, Norwegian University of Science and Technology
- 15:00**      **Break (short)**
- 15:20**      **Group photo**

### ***Specific Technical Solutions***

- 15:35**      **Location Sharing System Using AIS and RADAR TT Information on Cloud Server**  
Yasuyuki Niwa                      Senior researcher, National Maritime Research Institute, Japan
- 15:55**      **Trials of e-Radar/e-Racon Positioning System at Singapore Port**  
Takuo Kashiwa                      Department General Manager, FURUNO
- 16:15**      **End of day 2**

### **Day 3**

- 9:00**      **Automated Ship Reporting Testbed**  
Fred Pot                      Principal, Marine Management Consulting, USA
- 9:30**      **Break (check out)**
- 10:00**      **FROM AIS TO IoT**  
Francisco Sarrias                      Managing Partner, Marina System Iberica, Spain
- 10:20**      **CIRM-BIMCO pilot project on software maintenance**  
Richard Doherty                      CTO, CIRM
- 10:30**      **Announcing e-Navigation Underway – North America 2017 & e-Navigation Underway – Asia-Pacific 2017**  
Fred Pot                      Principal, Marine Management Consulting  
Sunbae HONG                      Head of e-Nav Team, Ministry of Oceans and Fisheries, Korea
- 10:50**      **Panel Discussion**
- 11:50**      **Conference Conclusions**  
Omar Frits Eriksson                      Dean, IALA World-Wide Academy
- 12:20**      **Closing remarks**  
Francis Zachariae                      Secretary General, IALA
- 12:30**      **Light lunch**
- 13:00**      **Conference closes**

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