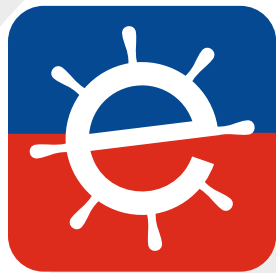




**DANISH MARITIME AUTHORITY**

**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

### Welcome address

Omar Frits Eriksson, Dean IALA World-Wide Academy, Conference chair

### Opening of the Conference

Francis Zachariae	Secretary General, IALA
Andreas Nordseth	Director General, Danish Maritime Authority
Kwang-youl PARK	Assistant Minister, Ministry of Ocean and Fisheries, Korea

### Keynote: From testbeds to Implementation – e-Navigation hits reality

Michael Bergman	President, CIRM
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### IALA's work in e-Navigation

Michael Card	Deputy secretary general, IALA
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### IALA webpage on test bed's

Seamus Doyle	Committee Secretary, IALA
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### An update on cyber initiatives in the maritime industry

Lars Robert Pedersen	Deputy Secretary General, BIMCO
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### Progress and trends; the IHO perspective

Gilles Bessero	Director, IHO
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### Status on the IMO e-navigation process

John Erik Hagen	Regional director, Norwegian Coastal Administration
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### TBD

Simon Pelletier	President, IMPA
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### TBD

TBD	International Harbour Masters' Association
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### E-Navigation from the end users perspective

Johan Gahnstrom	Senior Manager, Intertanko
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### TBD

Anders Brødje	Manager, Bahamas Shipowners Association
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## Day 2

### General perspectives

#### Shall we disrupt to E-navigate?

Mads Friis Sørensen	CEO, M/S Martha
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#### S-100: the underpinning of eNavigation

Julia Powell	Technical director, NOAA
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#### New EU funding opportunities to support navigation and search and rescue

Manuel Lopez-Martinez	Technology officer, European GNSS Agency
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## ***A Cluster of e-Navigation Projects***

### **The Maritime Cloud - underneath it all**

Thomas Christensen	Danish Maritime Authority
André Bolles	OFFIS, Germany
Jin Park	Korea Research Institute of Ships and Ocean Engineering

### **STM going live – The STM test beds**

Mikael Hagg	Swedish Maritime Administration
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### **EfficienSea2 – half way there**

Bjørn Borbye	Director, Danish Maritime Authority
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### **SMART-Navigation: an e-Navigation project focusing on non-SOLAS ships as well as SOLAS ships**

Hanjin LEE	Project Manager, KRISO
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## ***A Selection of Test Beds***

### **Route exchange in the SESAME Straits e-Navigation test bed**

Todd Schuett	Project Manager, Kongsberg
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### **Experiences gained from e-Navigation test-bed in Finnish VTS's**

Tuomas Martikainen	Senior officer, Finish Transport Agency
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### **Testbed for intelligent fairway smoothing path for autonomous vessels**

Jorma Timonen	Senior Officer, Finish Transport Agency
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### **Dublin Bay Digital Diamond**

Deirdre Lane	Commisioners Of Irish Lights
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## ***User Perspectives***

### **TBD**

Søren Westerskov	Chief Pilot, DanPilot
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### **Display of e-Navigation information**

Thomas Porathe	Professor, Norwegian University of Science and Technology
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## ***Specific Technical Solutions***

### **Location Sharing System Using AIS and RADAR TT Information on Cloud Server**

Yasuyuki Niva	Senior researcher, National Maritime Research Institute, Japan
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### **Trials of e-Radar/e-Racon Positioning System at Singapore Port**

Takuo Kashiwa	Department General Manager, FURUNO
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## **Day 3**

### **Automated Ship Reporting Testbed**

Fred Pot	Principal, Marine Management Consulting, USA
Yu Yung-Ho	Professor, Advanced IT & Ship Convergence Center, Korea

**FROM AIS TO IoT**

Francisco Sarrias

Managing Partner, Marina System Iberica, Spain

**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

**Panel Discussion & Conference Conclusions**

Omar Frits Eriksson

Dean, IALA World-Wide Academy

**Closing remarks**

Francis Zachariae

Secretary General, IALA



The conference is organized by



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