



Accessibility for Shipping,  
Efficiency Advantages  
and Sustainability



# ACCSEAS Conference Programme

(Subject to change)



**Tuesday 17 February 2015**



**12:15 - 13:00**

**Registration**

**13:00 - 13:20**

**Welcome and Introduction –**

Project Steering Committee Chair, Mr. Mike Bullock  
and Conference Chair, Mr. Kees Polderman

**Opening Speech**

Netherlands Director Maritime Affairs, Mrs. Brigit Gijsbers.

**13:20 - 14:00**

**Setting the scene...**

The ACCSEAS Project by Dr. Alwyn Williams.  
North Sea Region challenges by Professor Thomas Porathe.  
e-Navigation framework status by Mr. Pieter Paap.

**14:00 - 15:00**

**ACCSEAS e-Navigation test-bed solutions – presented by ACCSEAS' partners**

- The need for Resilient Position, Navigation and Timing.
- The test results for Resilient PNT in the NSR.
- Maritime Cloud / Maritime Communications.
- Introduction – Route Topology Model for the NSR.

**15:00**

**Time for refreshments and technical demonstrations**

Take part in technical demonstrations adjacent to the coffee area!

**15:30 – 16:00**

**Potential solution for sustainable accessibility**

- Mariner's perspective on the NSR-RTM.
- How NSR-RTM may support vessel traffic flow throughout the region.
- NSR-RTM as an ACCSEAS legacy for Europe.

**16:00 – 17:00**

**3rd North Sea Region e-Navigation User Forum**

**ACCSEAS test-bed solutions workshops**

Please select 1 of these workshops when you register:

**1. Resilient PNT**

**Facilitated by:**

Dr Paul Williams from  
the General Lighthouse  
Authorities UK and Ireland.  
And Mr Michael Hoppe  
from WSV.

**2. Maritime Cloud**

**Facilitated by:**

Mr Thomas Steen  
Christensen and Mads  
Bentzen Billesø from DMA.

**3. Route Topology Model**

**Facilitated by:**

Mr Jan-Hendrik Oltmann  
from WSV.

**Day 1 Close – No evening activities.**

## Wednesday 18 February 2015

09:00 – 09:05	<b>Welcome – Conference Chairman, Mr. Kees Polderman</b>			
09:05 – 09:35	Feedback from workshops on Day 1.			
09:40 – 10:40	<b>ACCSEAS e-Navigation test-bed solutions – presented by ACCSEAS' partners</b> <ul style="list-style-type: none"><li>- Maritime Safety Information and Notices to Mariners (T&amp;P) service</li><li>- Tactical Route Exchange (Route suggestion / Route exchange)</li><li>- Augmented Reality</li></ul> <b>Q&amp;A</b>			
10:40	<b>Time for refreshments and technical demonstrations</b> <p>*A great opportunity to network and take part in technical demonstrations adjacent to the coffee area!</p>			
11:10 – 12:45	<b>ACCSEAS e-Navigation test-bed solutions – presented by ACCSEAS' partners</b> <p>No-go area Service Inter VTS Exchange Vessel Operations Co-ordination Tool Dynamic Predictor for tugboat operation Automated FAL Reporting</p> <b>Q&amp;A</b>			
12:45	<b>Lunch and technical demonstrations</b> <p>*A great opportunity to network and take part in technical demonstrations adjacent to the coffee area!</p>			
13:30 – 15:00	<b>3rd North Sea Region End User Forum</b> <p>The afternoon offers the opportunity to attend 2 of the following workshops:</p> <table><tr><td><b>Workshop A</b> <b>Sparks from ACCSEAS –</b> A chance to capture and prioritise ideas for future demonstrations and project work.  <b>Facilitated by:</b> Mr. Jan-Hendrik Oltmann – Maritime Transportation Technology department at Federal Waterways and Shipping Administration (Germany).  Rear Admiral Nick Lambert, UK.</td><td><b>Workshop B</b> <b>The Monitoring Navigator –</b> A chance to drive up awareness of how much is being done to support the future mariner and capture future training needs.  <b>Facilitated by:</b> Mr. Stephan Procee – Lecturer at Willem Barentsz Maritime Institute, Netherlands.  Dr. Michael Baldauf – Associate Professor from the World Maritime University, Sweden.</td><td><b>Workshop C</b> <b>North Sea Region future challenges –</b> Looking at the IMO's Maritime Service Portfolio, this session aims to prioritise the services for the region in the future.  <b>Facilitated by:</b> Mr. Pieter Paap – Senior Policy Advisor at Rijkswaterstaat's Centre for Transport and Navigation, Netherlands.  Dr. Alwyn Williams – ACCSEAS Project Manager, UK.</td></tr></table>	<b>Workshop A</b> <b>Sparks from ACCSEAS –</b> A chance to capture and prioritise ideas for future demonstrations and project work.  <b>Facilitated by:</b> Mr. Jan-Hendrik Oltmann – Maritime Transportation Technology department at Federal Waterways and Shipping Administration (Germany).  Rear Admiral Nick Lambert, UK.	<b>Workshop B</b> <b>The Monitoring Navigator –</b> A chance to drive up awareness of how much is being done to support the future mariner and capture future training needs.  <b>Facilitated by:</b> Mr. Stephan Procee – Lecturer at Willem Barentsz Maritime Institute, Netherlands.  Dr. Michael Baldauf – Associate Professor from the World Maritime University, Sweden.	<b>Workshop C</b> <b>North Sea Region future challenges –</b> Looking at the IMO's Maritime Service Portfolio, this session aims to prioritise the services for the region in the future.  <b>Facilitated by:</b> Mr. Pieter Paap – Senior Policy Advisor at Rijkswaterstaat's Centre for Transport and Navigation, Netherlands.  Dr. Alwyn Williams – ACCSEAS Project Manager, UK.
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15:00	<b>Time for refreshments and technical demonstrations</b> <p>*A well-deserved break before you take part in your second workshop!</p>			

## Wednesday 18 February 2015 continued...

15:30 – 17:00

### 3rd North Sea Region End User Forum continues...

#### **Workshop A Sparks from ACCSEAS –**

A chance to capture and prioritise ideas for future demonstrations and project work.

#### **Facilitated by:**

Mr Jan-Hendrik Oltmann – Maritime Transportation Technology department at Federal Waterways and Shipping Administration (Germany).

Rear Admiral Nick Lambert, UK.

#### **Workshop D Chances and Challenges of Simulation Networks –**

ACCSEAS has successfully used simulators to demonstrate its test-bed solutions. This workshop offers the opportunity to explore the benefits of a simulated environment, the value of simulator networks and expectations for the future.

Watch the demonstration and discuss the potential for the North Sea Region and beyond...

#### **Facilitated by:**

Mr. Christian Grube – Vice President, Head of Engineering Maritime Simulation at Rheinmetall Defence Electronics GmbH.

Professor Günter Schmidt, Flensburg University of Applied Science.

#### **Workshop C**

**North Sea Region future challenges –** Looking at the IMO's Maritime Service Portfolio, this session will aim to prioritise the services for the region in the future.

#### **Facilitated by:**

Mr Pieter Paap – Senior Policy Advisor at Rijkswaterstaat's Centre for Transport and Navigation, Netherlands.

Dr Alwyn Williams – ACCSEAS Project Manager, UK.

18:00 – 22:30

### **Evening study tour and meal – Technical tour in the Port of Rotterdam area on board the river party vessel Majesteit:**

An excellent opportunity for continuation of discussions and networking in a maritime environment. Enjoy the conference dinner in the form of a popular Indonesian rice dish, meanwhile getting acquainted with one of the world's largest and expanding ports.

#### **Day 2 Close.**

## Thursday 19 February 2015

09:00 – 09:10

### Welcome

09:10 – 10:25

Results Workshops A, B, C and D / 3rd NSR User Forum.  
ACCSEAS' Project achievements – Dr. Alwyn Williams.

10:25 – 10:50

### Refreshments

10:50 – 11:10

**Legacy and Future Work, Outline Sustainable Work Plan** – Mr. Pieter Paap

11:10 – 12:15

### Keynotes: Future Perspectives – Introduction from Mr. Kees Polderman, Conference Chair...

The North Sea Region is changing. The following keynote speakers will give a future perspective and will talk about many of the potential demands impacting upon the region namely the increase of transported goods; vessel size; new vessel operation modes including manned and unmanned, and the growing demand on other uses of the sea space.

- Safety and accessibility, Mr. Francis Zachariae, Secretary General of IALA
- Shipping perspective, Capt. Fredrik Van Wijnen, General Secretary CESMA
- Green perspective, Mr. Sjon Huisman, Bonn Agreement and BE-WARE
- Port perspective, Mr. Rob Gutteling, Port of Rotterdam

12:15 – 13:00

### Debate - Future Shipping in the North Sea Region

Keynote speakers and Dr. Alwyn Williams make-up the panel for this session.

13:00 – 13:15

### CLOSE - Conference Chair, Mr. Kees Polderman

**\*Please contact [Georgina.button@gla-rnav.org](mailto:Georgina.button@gla-rnav.org) if you have any questions about the Conference or require any assistance when registering.**