

# E-NAVIGATION UNDERWAY 2013

## ARE ALL STAKEHOLDERS ONBOARD?

International Conference on e-Navigation

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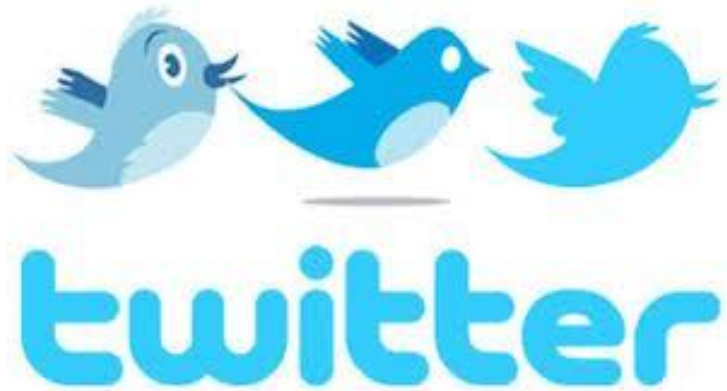
Chair IALA EEP Committee

## Practical issues

- **E-Navigation Underway Team – Green Nametags**
- **Contact team or the DFDS Conference staff not reception**
- **Nametags = Social Program & Access for breakfast**
- **Cabins ready at 15:30**
- **Vessel Departs at 16:45 and arrives Oslo at 09:30**
- **Return trip - same departure and arrival times**

# Practical issues

- **Exhibition in room 15 or just outside**
- **Room 19 available for general use**
- **Questions for Discussion on Day 3 to Omar & Thomas**
- **Lost and found**



# 21. February 2005

## Important Window of Opportunity

**WEND9-INF4**

### **MARINE eNAVIGATION: AN ORIENTATION PAPER**

*By Brian Wadsworth, U.K. Department for Transport*

#### **Summary**

1. This paper argues that we have an important window of opportunity to make marine navigation easier and to reduce navigational errors, with their attendant toll of accidents, loss of life, injury and environmental damage. Electronic navigational technologies are already available, being developed or are capable of development, which can be integrated to provide an accurate, secure and highly cost-effective e-Navigation system, with potentially global coverage. The same technologies are scalable for use by larger and smaller vessels.

- **Need a Vision**
- **Develop a viable Action Plan to deliver the vision**

## What is it?

**The transmission, manipulation and display of navigational information in electronic formats,**

## Why is it needed?

**to minimise navigational errors, incidents and accidents, to improve security and to reduce costs for shipping and coastal states**

**e-Navigation aims to replicate,  
in the field of marine navigation,  
standards of safety and accuracy  
associated with air navigation**



- **Up-to-date electronic electronic charts**
- **Accurate and reliable electronic positioning signals**
- **Information on vessel route**
- **Transmission of positional info ship-ship / ship-shore**
- **Clear integrated display n the above information on ship and a shore**
- **Information prioritisation and alert capability in risk situations**

**”All of this capability can be provided by contemporary technologies”**

# **Shore based e-Navigation Centres**

## **Common Standards & Protocols**

**“Delivering fully viable systems  
with global coverage  
Will undoubtedly take years”**

