E-NAVIGATION UNDERWAY 2013
ARE ALL STAKEHOLDERS ONBOARD?
International Conference on e-Navigation

Ómar Frits Eriksson
Head of Maritime Technology, Danish Maritime Authority
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
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 undoubdably take years”