



**KYSTVERKET**  
NORWEGIAN COASTAL ADMINISTRATION  
From MEH to Ship Traffic Management System

Director General Kirsti L. Slotsvik, Bali, October 2013

# The purpose of e-Navigation

- Enhance berth-to-berth navigation
- Simplification and harmonization
- Facilitate and increase efficiency of maritime trade and transport by improved information exchange



# General concept of Ship Traffic Management System

- Exploit synergies between the MEH and e-navigation
- Agenda item 3.1, Annex 1, of the minutes of the 5<sup>th</sup> Cooperative Forum



# **Objectives of the Ship Traffic Management System in the Straits**

- Contribute to the IMO e-Navigation implementation
- Build on the Maritime Electronic Highway (MEH) concept
- Enable STMS solutions to be deployed in other regions



# e-Navigation architecture – three sides of a coin

“shipboard systems of information/data processing devices”



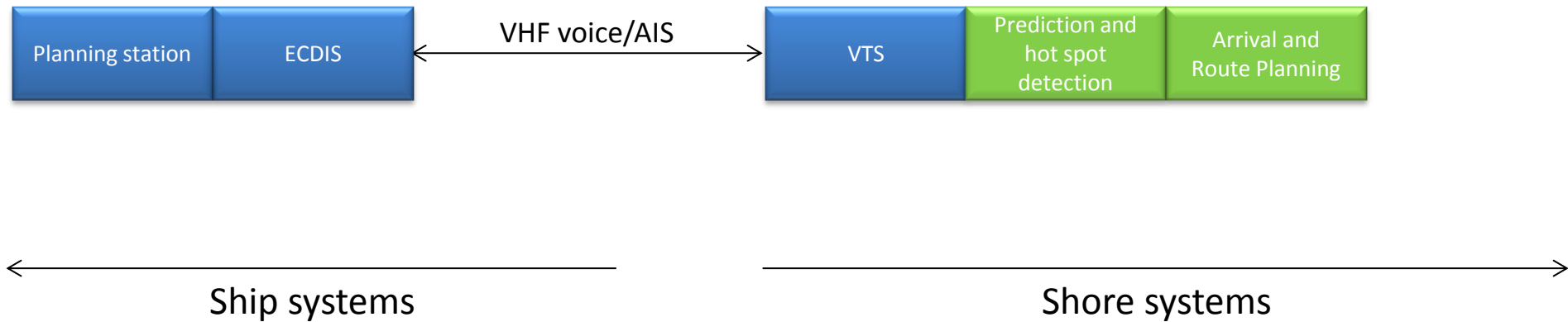
application-to-application data exchange via physical links ship to shore and shore to ship



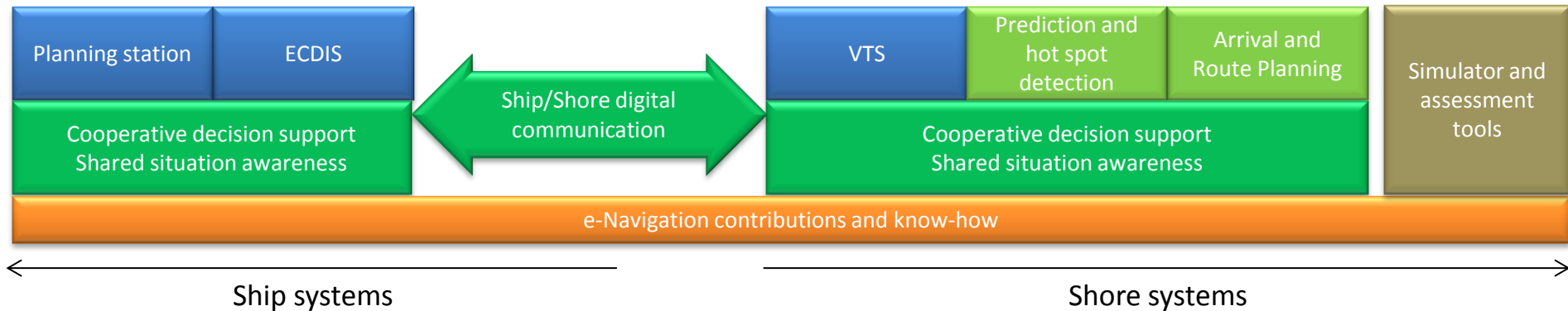
“integrates a variety of shore-based technologies and data processing devices”



# System components and contributions building on existing ship and shore systems/equipment



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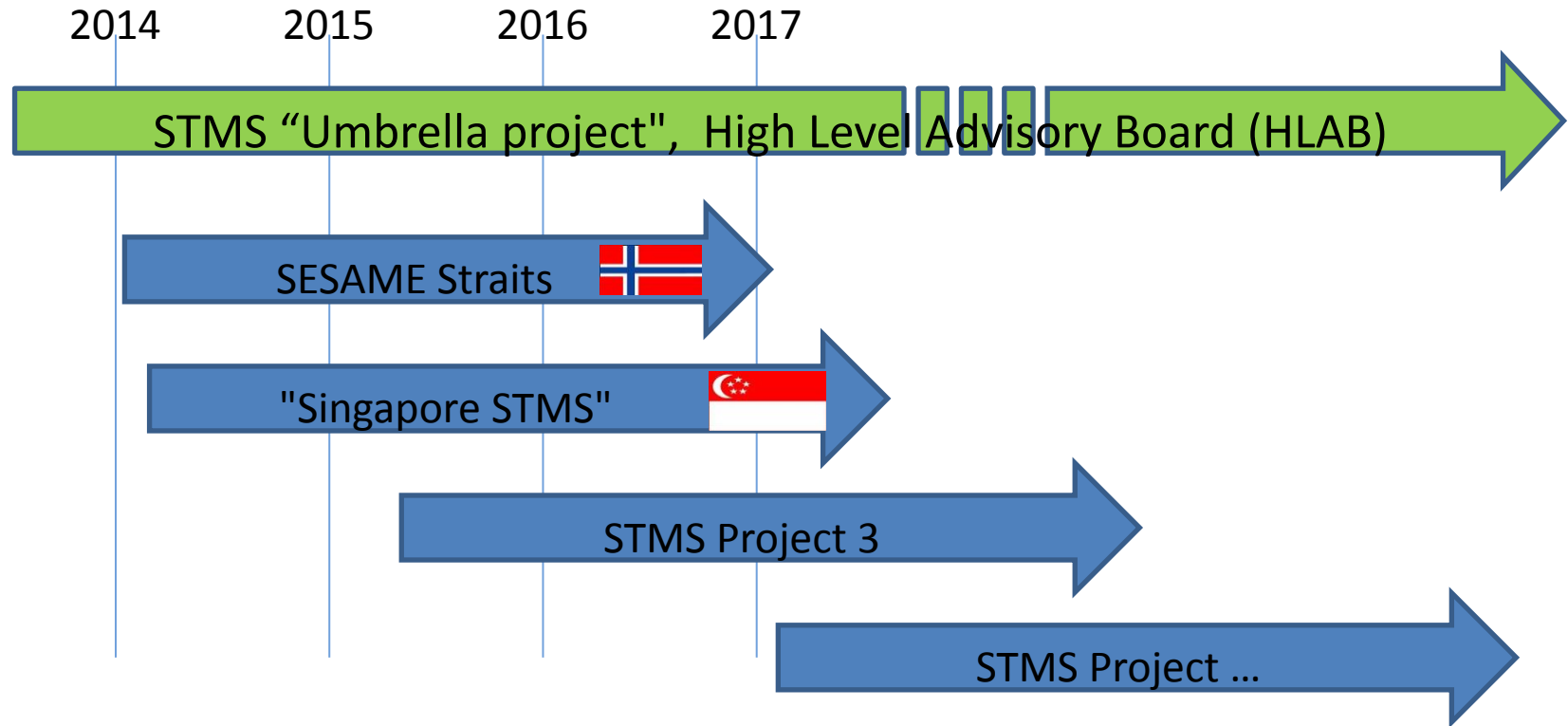
# High Level Advisory Board - HLAB



Chair



# Implementation plan overview





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Thank you for your attention!