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 5th 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”

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

Ref: IALA Recommendation e-NAV 140
System components and contributions building on existing ship and shore systems/equipment
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- **Planning station**: Cooperative decision support, Shared situation awareness
- **ECDIS**: Cooperative decision support, Shared situation awareness
- **VTS**: Prediction and hot spot detection, Arrival and Route Planning
- **Ship/Shore digital communication**: e-Navigation contributions and know-how
- **Simulator and assessment tools**:
High Level Advisory Board - HLAB

Chair

[Flags and logos from various countries and organizations]
Thank you for your attention!