



## Safety at Sea Initiatives

### **8<sup>th</sup> Co-operation Forum**

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# Scope of Presentation

1. Background
2. Safety at Sea Initiatives
  - Safety@Sea Singapore Campaign
  - Safety@Sea Week
  - National Maritime Safety at Sea Council
  - Safety Initiatives
3. Emergency Preparedness
4. Moving Forward



## Background

**Marine Safety Review Committee formed following 3 incidents in early 2014, all incidents occurring within 2 weeks**

29 Jan 14 - Collision between chemical tanker & containership  
30 Jan 14 - Contact between containership & barge  
10 Feb 14 – Collision between containership & chemical tanker

**Safety Review Committee consisted the following parties:**

Maritime and Port Authority of Singapore  
Ministry of Transport  
Academia  
Industry

**Findings highlighted the common thread of human element in incidents**

Lack of situational awareness  
Poor judgment and human error identified as main cause of accidents

## Safety@Sea Initiatives

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# Safety@Sea Initiatives

**MPA's collaborates with maritime community to:**

- Instill a strong safety culture
- Enhance communication and information sharing
- Improve the safe passage of vessels



# Safety at Sea Framework

Safety at sea framework

## MPA & Industry Collaboration

Instilling strong safety culture

- Safety@Sea Week
- Forums & workshops
- National Maritime Safety at Sea Council
- Recognition for exemplary safety efforts

Enhanced communications

- Safety publications
- Briefing sessions
- Safety E-Bulletin

Improving safe passage

- Near miss reporting
- Implementation of AIS-B and ECS on small craft
- MPA-Industry Safety Working Groups

# Promoting Safety Culture

## Annual Safety@Sea Week

- Annual flagship event
- Focused on awareness communication
- Forums and briefing sessions
- Industry visits to MPA Port Operations Control Centre

## Forums and workshops

- Maritime Safety Forum (Industry, Associations and MPA)
- Regional Ferries, Harbour Craft & Pleasure Craft safety workshops

## Safety publications and Info-kit

- Posters & decals
- Handbooks - *Small Craft Guidebook & Pamphlet – Safe Passage: The Straits of Malacca and Singapore*

## Near miss reporting framework

- Vessels encouraged to report near misses
- Safety e-bulletin for lessons learnt

## Launch of Safety@Sea Singapore Campaign 2014





# Safety@Sea Week 2015



# Safety@Sea Week 2015



## National Maritime Safety at Sea Council

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# Formation and background of NMSSC

- Council comprises industry leaders from a wide spectrum of the maritime industry to spearhead and sustain safety efforts
- To promote and build a progressive safety at sea culture by addressing both human and non-human elements that contribute to maritime safety
- Long term plans include international collaboration with other centres of excellence



## Information Video – Safe Passage for the Singapore Strait

- To instill a strong safety culture, enhance communication and promote information sharing
- To promote safe navigation practices in the Singapore Strait
- To assist ship master and officers in passage planning
- To familiarise ship masters and officers on local environment and traffic conditions

## AIS-B and ECS on Small Craft

- Small craft will have enhanced situational awareness of the marine traffic in their vicinity
- Ocean-going vessels are now able to detect and identify small craft
- Improved security through positive identification of small craft
- MPA's Port Operations Control Centre able to readily access AIS information



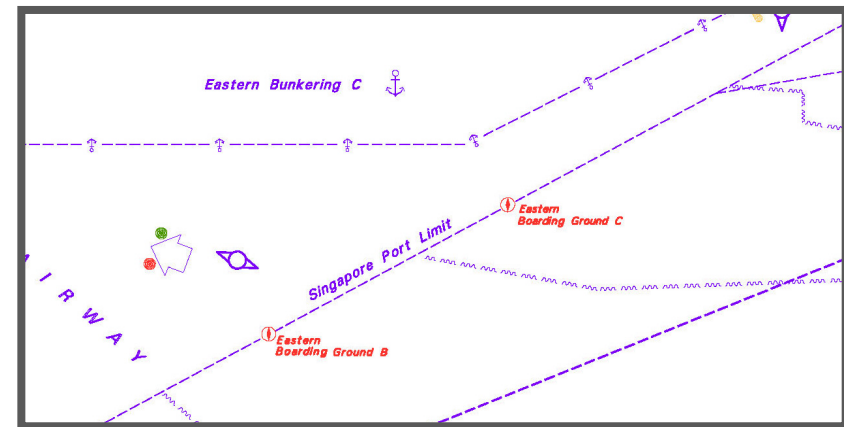
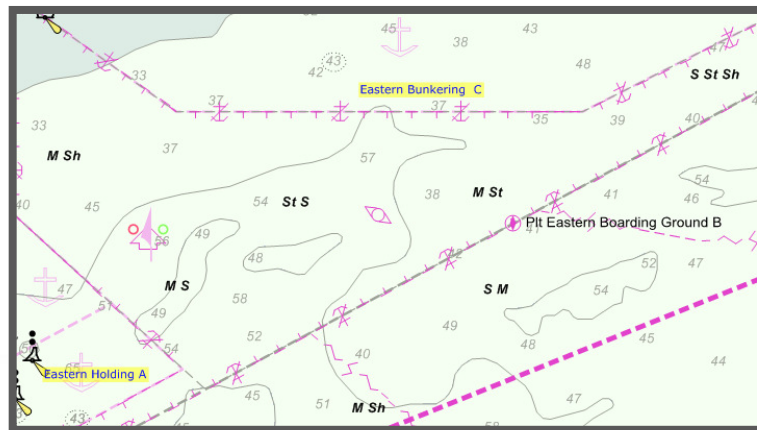
# Safety Projects

## Revision of pilot boarding grounds

- Measure to enhance safety of navigation
- Introduce scheduling system for vessels arriving at pilot boarding ground

## Prototype lifejacket receptacle for regional ferries.

- Project to standardise and enhance storage of lifejackets on ferries
- To facilitate quick removal and donning of lifejackets in an emergency
- Potential for implementation of concept on other ferries and harbour craft



## Emergency Preparedness

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# Contingency Plans and Exercises

## Ferry Mishap Contingency Plan

- Within Singapore Territorial Waters
- Johor-Singapore Ferry Mishap Contingency Plan.
- Indonesia-Singapore Ferry Mishap Contingency Plan



## FEREX 2015

- Extended invitations to our partners, DGST Indonesia and Marine Department Malaysia, to participate in Safety Forum and to observe FEREX in Singapore
- Participation of over 350 participants from 10 agencies and companies
- 15 craft despatched and 100 “role players” rescued
- Full Troop Exercise including deployment of equipment and personnel at seaward incident location and landing point
- Table Top Exercise at Emergency Operations Centre



## Safety Info-kit

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# Safety Info-kit

Safety@Sea Info-kit content:

- Posters with safety messages
- Decals with safety messages
- Small Craft Safety Guidebook, Safe Passage Straits of Malacca and Singapore

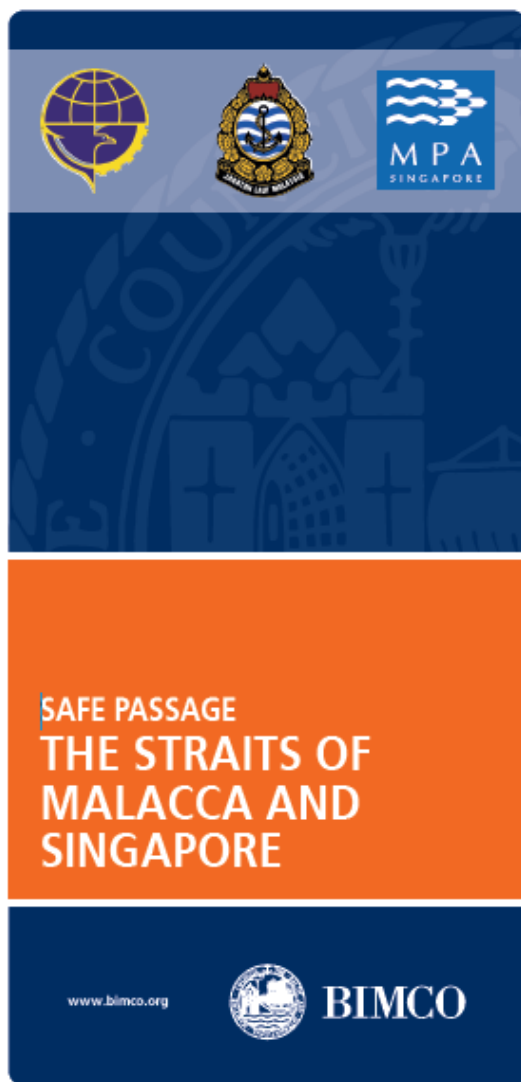




# Safety Info-kit







# Moving Forward

**Inculcate safety culture and implementation of safety measures through:**

## **Safety@Sea Campaign**

- Inaugural Safety@Sea International Conference 2016
- Safety briefings, workshops and forums
- Safety collaterals and Info Kits
- Safety e-Bulletin

## **MPA-Industry collaboration /NMSSC**

- MPA-SSA Safety of Navigation Working Group
- MPA-PSA Marine Safety of Navigation Working Group
- MPA-Association of Regional Ferries Operators (ARFO) Working Group
- MPA-Pleasure Boating Working Group

## **Safety Projects**

- Safety Video ( Targeted on Regional Ferries )
- Enhanced Life Jacket Receptacles on Regional Ferries
- Interactive video on safe passage of vessel along the Straits of Malacca and Singapore



# Moving Forward

## Moving forward on collaboration amongst littoral States

- Encourage further collaboration amongst littoral States in the safety at sea initiative and safety culture in the Straits of Malacca and Singapore(SOMS)
- Work together in inculcating safety culture and promoting safety at sea throughout the SOMS

*For information*

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