



M P A
SINGAPORE

Enhancing Maritime Safety through Knowledge-Sharing and Dialogue

Maritime and Port Authority of Singapore

10th Co-operation Forum

2-3 October 2017

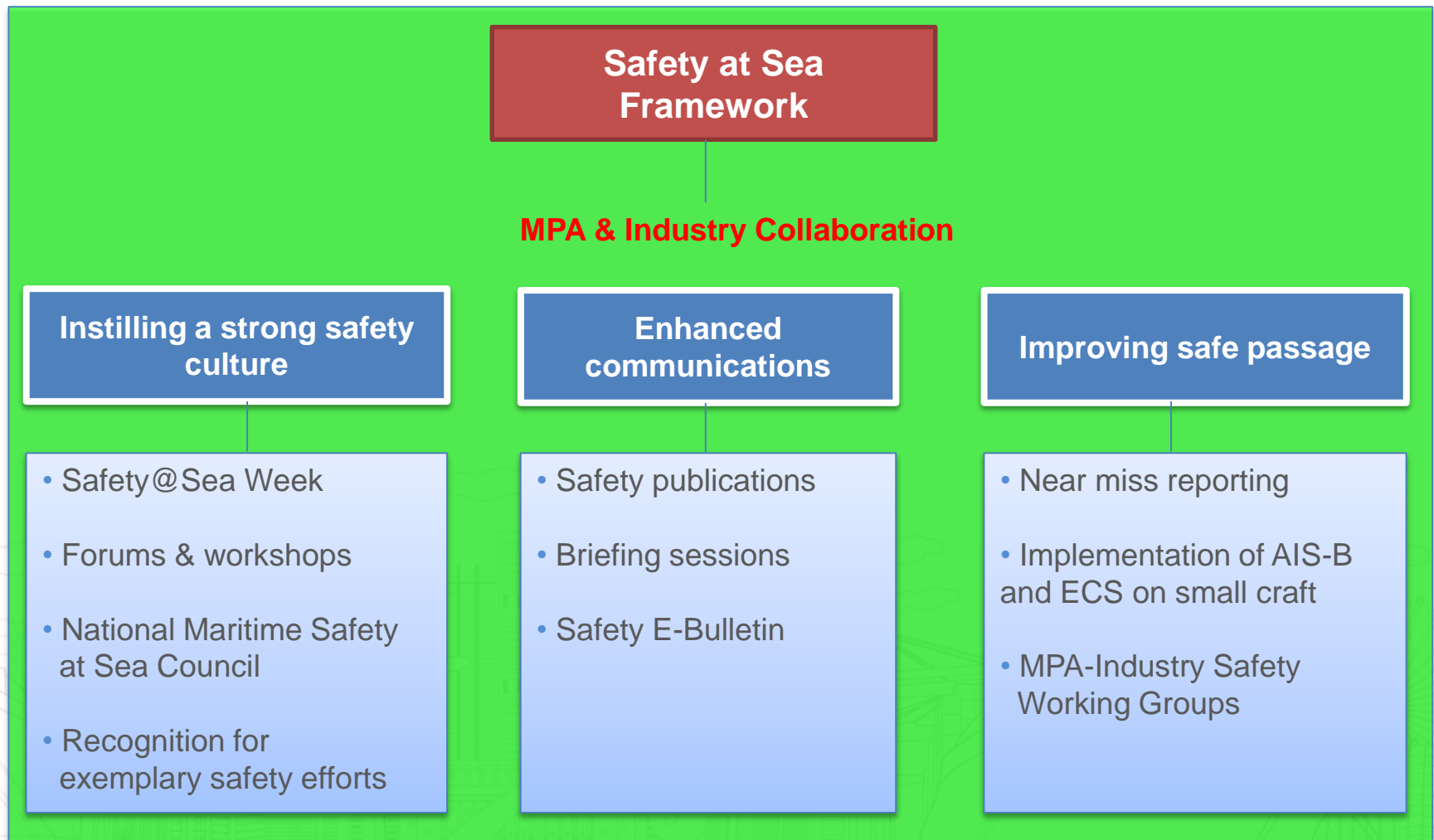


Scope of Presentation

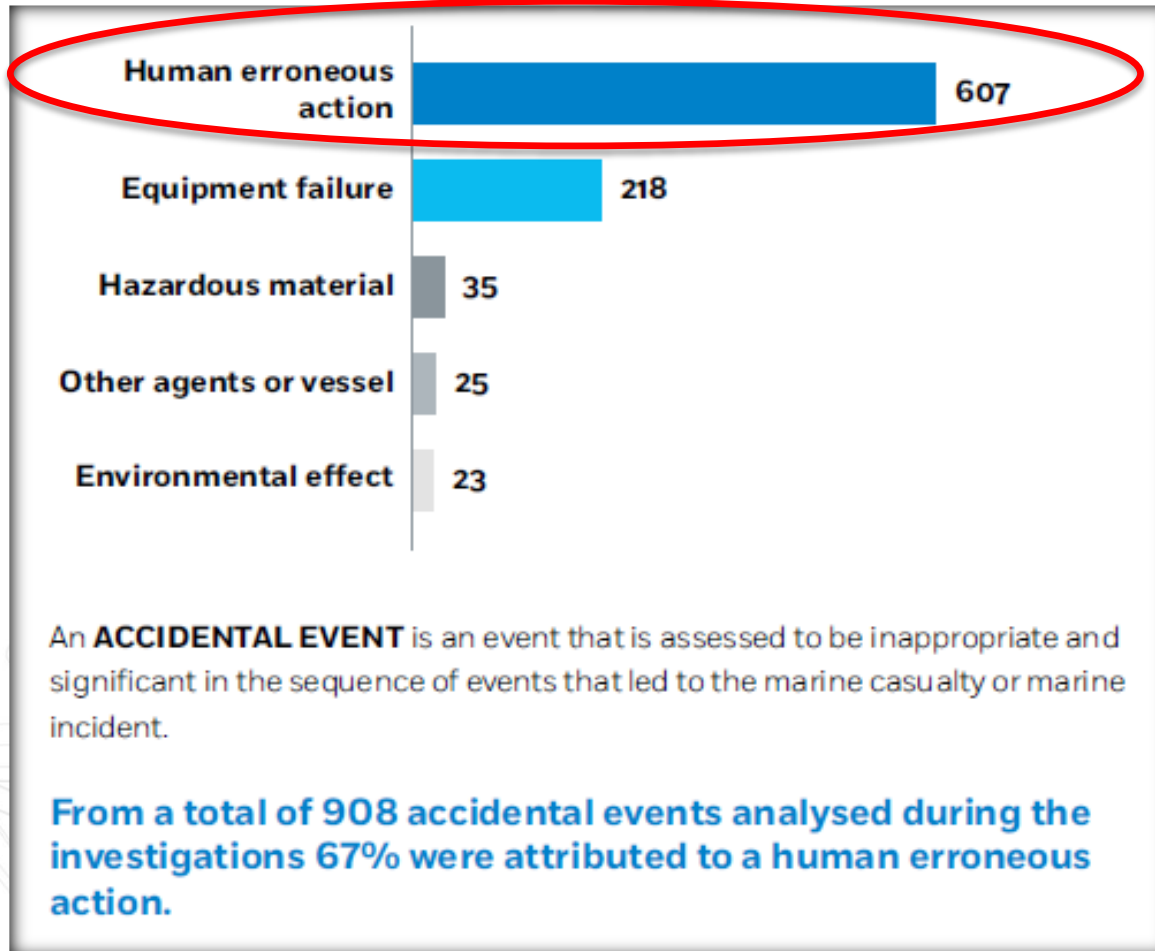
- Overview of Safety@Sea Framework
- Update on MPA's Safety at Sea Initiatives
 - Safe Passage in the Singapore Strait video
 - Passenger safety video for regional ferries
 - Near miss reporting
- Enhancing maritime safety through knowledge sharing and dialogue
 - Safety@Sea Week 2017
 - Community of Practice Forum on maritime safety
 - Industry briefings and workshops
 - Safety E-Bulletin
 - Public engagement via media and social media



Safety at Sea Framework



Human Element in Maritime Safety



- EMSA found that 67% of marine incidents caused by human error
- Similar MPA studies also found the common thread of the human element in safety-related incidents

EMSA Annual Overview of Marine Casualties and Incidents 2015

Update on Safety at Sea Initiatives



Safe Passage in the Singapore Strait Video

- Initiative undertaken as follow-up to joint pamphlet “Safe Passage in the Straits of Malacca and Singapore” (SOMS)
- To promote safe navigation practices
- To provide navigators and educators insight to local environment and traffic conditions
- Videos available online and over 3,000 copies distributed to date



Safe Passage in The Singapore Strait - Eastbound

Videotel • 14K views • 1 year ago

Safe Passage in The Singapore Strait is a training package of two videos and an interactive computer-based learning



Safe Passage in The Singapore Strait - Westbound

Maritime and Port Authority of Singapore (MPA) • 5.2K views • 1 year ago

Navigating your vessel eastbound across the **Singapore Strait**? View this video for helpful tips and practices on **safe navigation**.

Passenger Safety Video for Regional Ferries



- To provide common safety messaging
- Screened at terminals' departure halls to complement onboard safety video
- Provides information on safety practices and response during emergencies
- Light hearted and animated characters to engage adults and children
- Over voice in English and Bahasa Indonesia with subtitles in 4 official languages

Near-Miss Reporting

- Joint initiative by the MPA-SSA Safety of Navigation Working Group
- Introduced via Port Marine Circular no. 4 of 2015
- “No shame, no blame” to encourage reporting of near misses
- Plays an important role in shared learning to reduce probability of similar errors



Maritime and Port Authority of Singapore

ANNEX A

REPORT OF A NEAR-MISS

This is a voluntary, confidential reporting of marine near-misses. No information provided in this report will be used by MPA to commence litigation or prosecution.

SECTION I – PARTICULARS OF REPORTING SHIP		
Own Ship		
IMO No.:	Name of Ship:	Flag:
Type of Ship:	Gross Tonnage:	
SECTION II – INCIDENT DETAIL		
Date/Time of Occurrence (local):		Position: Lat-Long:
Near-miss involved own ship: YES / NO		
Other Ship (if any)		
Name of Ship 1:		
Name of Ship 2:		
Weather conditions:		
Description of the near-miss:		

Industry Engagement and Dialogue



Safety@Sea Week 2017

- Held from 21 to 25 August 2017
- Aim:
 - To instil strong safety culture
 - To enhance communication and information sharing
 - Improving safe passage
- Programme consisted:
 - International Safety@Sea Conference
 - Inaugural Community of Practice Forum on maritime safety
 - Safety workshops
 - Industry visits to Port Operations Control Centre
 - Ferry Rescue Exercise Observer Programme



Community of Practice Forum on Maritime Safety



- Collaborative platform to share knowledge and best practices on maritime safety
- Forum to distill and diffuse existing knowledge on maritime safety
- Shared ideas may be adapted by delegates and translated into solutions to suit location conditions
- Forum held at alternate years and addressing topical safety concerns

Snapshot of CoP Forum

- 13 papers / presentations shared
- Attended by 15 maritime agencies/port authorities, 7 Classification Societies and 4 NGOs

Session Moderators:

- Capt Ashok Mahapatra, Director, Maritime Safety Division, IMO
- Mr Lars Robert Pedersen, Dy Secretary General, BIMCO
- Prof Richard Lim, Chairman, National Maritime Safety At Sea Council

Main topics shared:

- Sharing on ferry incidents and lessons learnt
- Sharing of best practices on ferry safety
- Working towards holistic changes in ferry safety



Key Take-Aways For CoP Forum (on Ferry Safety)

- Need for low-cost transponder (AIS-type) for ferries and small craft, enabling authorities to track such vessels, especially in internal waters or remote sea areas
- Need for low-cost solutions to facilitate accurate passenger headcount and generation of an accurate passenger crew list prior to departure
- Need for a holistic approach towards ferry safety:
 - Stakeholder engagement
 - Peer review system
 - Review of maritime legislation
 - Incident and trend analysis
 - Policy and shipboard training

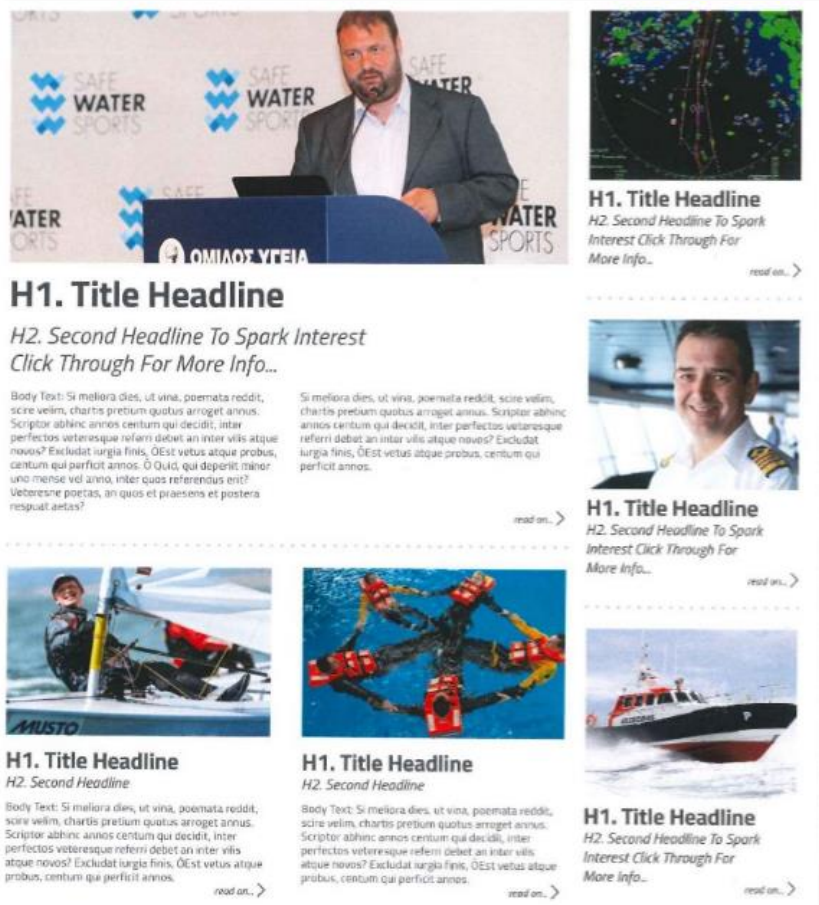


Industry Briefings and Workshops

- Safety briefings conducted for maritime community
 - Harbour craft
 - Pleasure craft
 - Regional ferry operator
 - Bunker tanker operator
 - Marine project owners and contractors
- Workshops for identified sectors to address findings from incident analysis
 - Bunker barges
 - Regional ferries
 - Pleasure craft
 - Ocean going vessels



Safety E-Bulletin



- Safety E-Bulletin to be launched in 1Q 2018
- Electronic platform to enhance outreach and sharing of lessons learnt and safety best practices
- Content:
 - Investigation reports of maritime incidents
 - Near misses
 - Updates on safety regulations and initiatives
 - Human interest stories
 - Safety technology

Public Engagement

- Engagement via media and social media
 - Media invited to cover safety events
 - Stories of safety measures especially during festive holidays
 - Invited to inter-agency exercises
- Planned engagements
 - Targeted mini-campaigns for:
 - Arriving seafarers in port
 - Pleasure craft community
 - Sea sports centres
 - Safety exhibitions at terminals
 - Engagement via provision of free Wi-Fi and mobile charging stations





For Information

