

Ferry Safety: New Global Imperative

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Worldwide Ferry Safety Association



Ferry Safety New Global Imperative: *Taking Action*

Outline

- * Global Organizations & Agencies
- * Businesses
- * Operators
- * Next generation

Recognizing Need & Opportunity: Taking Action

ORGANIZATIONS & AGENCIES

- * Interferry
- * IMO
- * WFSA
- * Singapore MPA
- * NOAA - USAID
- * ASEAN Area Regional Forum
- * Lloyds Register Foundation
- * TRB, IMRF, WHO, SNAME

Interferry

- * 2005 –Interferry then CEO Len Roueche and Board
- * IMO relationship – consultative status
- * IMO Interferry Bangladesh Ferry Safety Project
 - * Training CD
 - * Bangladesh – outlined what was needed
 - * Interferry content for modules & paid for trial
 - * Bangladeshi trialed successfully
 - * Learned from as tech changed

Interferry Ferry Safety Committee

- * Formed 2017
- * Interferry Members
- * Approach:
 - * Based on data, identify and promote good practices.
 - * Supplement IMO key role with national governments, with more stakeholders in a long-term joint effort, including Class, Insurance, Financing institutions and Foundations.

IMO

- > IMO-Interferry Ferry Safety Project with Bangladesh
- > Convene Ferry Safety Information-Sharing Forums
 - * Bali 2011
 - * Fiji 2012
 - * Nanjing 2013
 - * Manila 2015
 - * PNG April 2018

WFSA

- * Formed to do what neither a professional association or an international agency could do – raise foundation funds and not be hampered by internal politics of member states
 - * Research – professional publications
 - * Collaboration
 - * Design Competition
 - * Conference

Singapore MPA

- * Singapore – one of first nations to get engaged
- * Singapore World leadership: High Tech, Green & Safe
- * Safety@Sea Campaign Regional Ferry operators forum beginning 2014
- * Ferrex 2016 --450 people involved in physical drill!
- * Design competition specs

NOAA

- * Unrelenting push to improve weather detection and reporting on sea
 - * Early special initiative in response to tsunami 2004 -- 230,000 lives lost
 - * Alert device – hand held, satellite info fed

NOAA - USAID

- * 3D printed weather monitors developed by NOAA
- * USAID funding deployment on land (minimum cost, highly significant impact)
- * Kate Lawson AVAIL – for maritime
- * NOAA: late Kelly Sponberg, Martin Steinson
- * USAID: Sezin Tokar
- * NOAA – connect AIS to send weather info automatically - Sienkiewicz

ASEAN Area Regional Forum Guangzhou

- * **About ASEAN:**

- * Formed 1967, in Bangkok,, Thailand, Indonesia, Singapore, Vietnam, Malaysia, Philippines, Cambodia, Myanmar, Brunei and Laos (625 million people)
- * In 1993 Area Regional Forum includes Australia, Korea, India, Pakistan, Papua New Guinea, Sri Lanka, New Zealand, Timor-Leste, Russia, Mongolia, China, and US and EU. (4.4 billion people).

ASEAN Area Regional Forum Guangzhou

Big Deal for Ferry Safety

- * Candid and comprehensive presentations by
 - * Bangladesh
 - * Cambodia
 - * China
 - * Indonesia
 - * Philippines
 - * Singapore
 - * Thailand
 - * Vietnam
- + WFSA and Interferry and IMO

Other Organizations Involved in Ferry Safety

- * **OTHER ORGANIZATIONS**
- * **TRB** – Welcomes Ferry Safety Reports Presentations
- * **IMRF** – Report on SAR capacity in ferry safety nations
- * **WHO** – Global Report on Drowning
- * **SNAME** - Capsize Egress and Survivability Task Force

Need and Opportunity

Commercial Opportunities

- Much of the European and North American ferry market could be classified as a mature industry with slow growth rates.
- This can be contrasted with many Asian (and African) markets which are seeing a growing demand for safe and affordable ferry transport as incomes rise, tourism grows and mega-cities battle urban congestion.

Recognizing Need & Opportunity: *Taking Action*

BUSINESSES:

- * **EBDG** = Designed Ferry for Nigeria's Lagos Bay
- * **OSK** – Ferry Safety Project; Bangladesh ship building
- * **Damen** – Ivory Coast
- * **Vesseltracker** – business model and research
- * **Marine LMS** - engage with Philippines on eLearning
- * *Want to hear about other businesses to recognize*

Recognizing Need & Opportunity: *Taking Action*

FERRY OPERATORS:

- * **Archipelago Ferries, Philippines**
 - * Quality Vessels
 - * Training
 - * AIS
 - * Maintenance
- * **Chao Phraya Express, Bangkok Thailand**
 - * Quality Vessels
 - * Multimodal Transit Landings
 - * And more

Recognizing Need & Opportunity

Next generation

International Student Design Competition for Safe and Affordable Ferries

- * Maritime Colleges and Universities > 100 on list
- * Annual design competition
- * # of students total registered, submitted designs
- * Students that submitted designs – special group
- * *To Network this Elite Group*

Thank you

QUESTIONS ?

What is ASEAN & ASEAN Regional Forum

- * ASEAN (b: 1962): economic growth & political stability
- * Membership Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand (9 nations 625 million people)
- * ASEAN PLUS 3: China, Japan, South Korea (+1.54 b)
- * ASEAN Regional Forum –PLUS Australia, EU, India, Mongolia, New Zealand, Pakistan, PNG, Sri Lanka, Vietnam, Timor-Leste, US (2.4 b)
- * 4.4 b total