



Enhance Ferry Safety by Regional Cooperation

Jian XIN
Deputy Director of China MSA

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**China Maritime
Safety Administration**

Ferry: Ships carrying passengers



- Short-distance ferry
- RoPax (Ro on/Ro off, car and passengers)
- High speed craft
- Cruise ship



Major ferry accidents in Asia

- 2016-10-15, Myanmar, “Aung Soe Moe Kyaw”, around 100 death
- 2015-6-1, China, “DongFangZhiXing”, 442 death
- 2015-3-13, Myanmar, “Aung Tagun-3”, 231 death
- 2014-4-16, Korea, “Sewol”, 295 passengers, 2 rescue divers death
- 2013-5-28, Malaysia, “Bakun Mas Express Boat”, 23 death
- 2013-8-16, Philippines, “St. Thomas Aquina”, 120 death
- 2011-7-10, Russia, “Bulgaria”, 188 death
- 2010-10-31, India, “?”, 152 death
- 2009-1-11, Indonesia, “Teratai Prima”, 250 death
- 2008-6-21, Philippines, “Princess of the Stars”, 814 death
- 2006-12-29, Indonesia, “Senopati Nusantara ”, 410 death
- 2003-7-8, Bangladesh, “Nasreen”, 1000 death
- 2002-5-3, Bangladesh, “Salahuddin-2”, 450 death
- 2000-6-29, Indonesia, “Cahaya Bahari”, 480 death
- 1999-11-24, China, “DaShun”, 295 death
- 1987-12-20, “Doña Paz”, 4386 death



Major ferry accidents in China



Ferry Fatalities (life lost >30) in China (2001-2005)

Date	Province	City	Number of Fatalities	Cause
2001-01-29	Chongqing	Hechuan	46	Stranding
2002-12-18	Chongqing	Chongqing	40	Collision
2003-06-19	Chongqing	Chongqing	52	Collision
2004-06-22	Henan	Jiyuan	42	Cyclone
2004-09-23	Shanxi	Linyi	49	Capsize
2004-09-27	Sichuan	Nanchong	66	Stranding

Source: China Maritime Administration.

Ferry Fatalities (life lost >10) in China (2006-2011)

Date	Province	City	Number of Fatalities	Cause
2008-06-07	Shanxi	Ziyang	10	Collision
2009-03-03	Guizhou	Jianhe	10	Stranding
2011-09-09	Hunan	Shaoyang	12	Capsize

Source: China Maritime Administration.



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Major ferry accidents in China

Life lost in Ferry Accident in China (2001-2011)[↕]

Year [↕]	Number of Accident [↕]	Number of Fatalities [↕]	Remark [↕]
2001~2004 [↕]	Around 60 per year [↕]	Around 100 per year [↕]	[↕]
2005 [↕]	40 [↕]	Around 60 [↕]	Ferry CIC [↕]
2006 [↕]	35 [↕]	62 [↕]	Ferry CIC [↕]
2007 [↕]	42 [↕]	42 [↕]	Ferry CIC [↕]
2008 [↕]	37 [↕]	41 [↕]	[↕]
2009 [↕]	33 [↕]	38 [↕]	[↕]
2010 [↕]	13 [↕]	8 [↕]	[↕]
2011 [↕]	11 [↕]	26 [↕]	[↕]
[↕]	[↕]	[↕]	[↕]

Source: China Maritime Administration.



Causes of ferry accidents



- Overcrowding and overloading
- Hazardous weather
- Unsafe (bad condition, unfitted, low standard) ferry ship
- Human Error



Problem Analysis



- Passenger's awareness
- Ferry's condition and Ship company's management
- Government's supervision measure
- Barriers in information exchanges
- Different ferry management mechanisms and contingency plans in different areas, uneven capability in domestic ferry safety management



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Goal and Objectives

Goal: Less human life loss during ferry accident in the future by cooperation in the region.

- Enhance the passengers awareness for safety.
- Enhancement of domestic ferry safety management capacity both Gov's organization and private sector.



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Objectives

1. Promote information exchanges among member states in Asia-Pacific region
2. Enhance capability building in integrity
3. Establish effective mechanism of cooperation and coordination for ferry catastrophic response ⁸

1: Promote information exchanges



Action Plan

- 1. Organize regular seminar or conferences to increase consensus and exchange views, experience and best practice in ferry safety management
- 2. Provide a platform for information sharing e.g. an official website or database



2: Enhance capability building



Action Plan

- 1. Hold regular training course for practitioners (later could be trainer in their work field) of ferry safety management from diverse background, including administration, industries, academies, research institutes, NGOs and etc.
- 2. Conduct personnel exchange programs among member states in Asia-Pacific region
- 3. Promote joint exercise of ferry accident response



3: Establish effective mechanism of cooperation and coordination



Action Plan

- 1. Propose to conduct relevant research and develop framework of cooperation and coordination in ferry accident response.
- 2. An inter-governmental coordination center be established in the future.



Measures of Success

- Improved ferry safety management performance and less life loss compare in a five years period.
- Regular Seminars or conferences, training courses sponsored.
- Join practice of ferry accident response.
- Framework of cooperation and coordination in regional to be highlighted.
- Information of threats and disasters of large ferry accident shared by all related countries.



Ferry Safety Workshop in 2017/2018



- 1. Identifying the root cause
- 2. Analyzing different parties' responsibility
- 3. Recognizing the bad practices
- 4. Discussing new technology
- 5. Formulating comprehensive and integrated management mechanism
- 6. Establishing a platform for experience sharing and regional cooperation



Thank you for your
attention!

谢谢！



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