

FAO/ILO/IMO Safety Recommendations and Implementation Guidelines

1

Ari Gudmundsson

Expert – Fishing Operations and Technology

The Fifth International Fishing Industry Safety & Health Conference (IFISH 5)

Outline

2

- Number of people and vessels and the importance of small boats
- Fishing – the most dangerous occupation
- The role of FAO
- FAO/ILO/IMO cooperation regarding safety at sea in the fisheries sector
- The Safety Recommendations and Implementation Guidelines

Estimate of the number of people engaged in capture fisheries

- Number of people in capture fisheries: 38 million – 80% in Asia
- In related industries and services: 120 to 140 million
- Dependent on fisheries for their livelihood: 350 and 400 million
- Many close to the poverty line

Source: SOFIA 2016

Source: SOFIA 2016

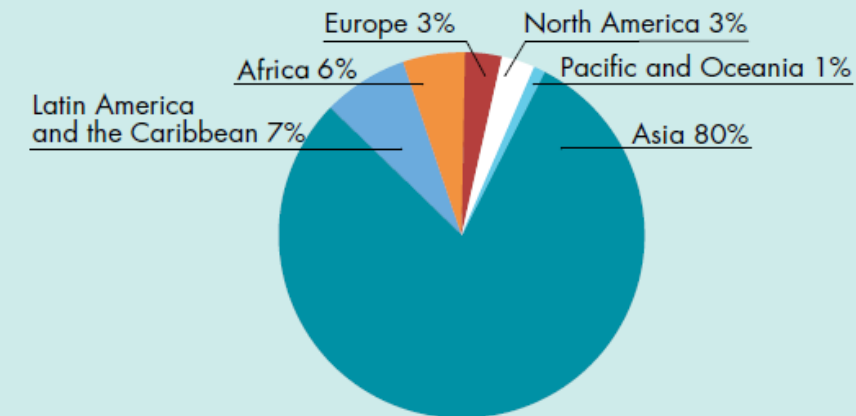


Estimate of global fishing fleet and its regional distribution in 2014

- Total number: 4.6 million
 - Asia fleet the largest
- 64% engine powered
 - (compared to 57% in 2012)



DISTRIBUTION OF MOTORIZED FISHING VESSELS BY REGION IN 2014



Source: SOFIA 2016

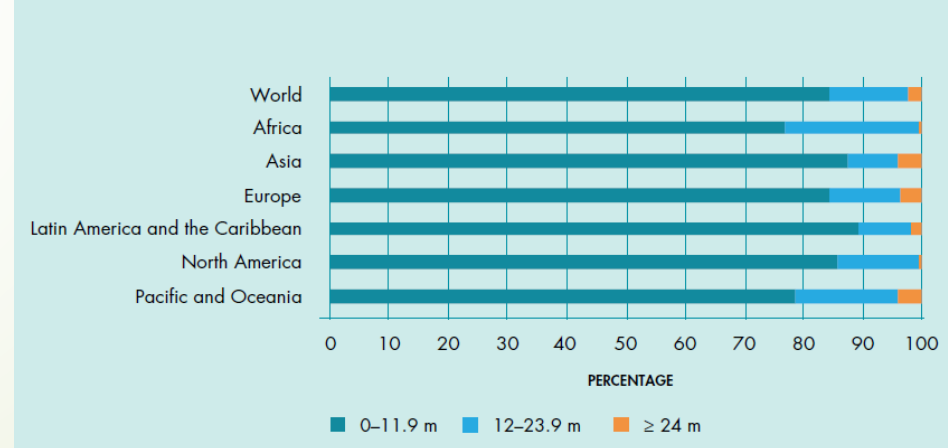
Size distribution and the importance of small boats

- Ca. 64,000 (2%) motorized fishing vessels ≥ 24 m
- > 85% of motorized fishing vessels were <12 m LOA
- 99% of non-motorized fishing vessels < 12 m LOA
- 90% of world fishing fleet < 12 m LOA

Source: SOFIA 2016



SIZE DISTRIBUTION OF MOTORIZED FISHING VESSELS BY REGION IN 2014

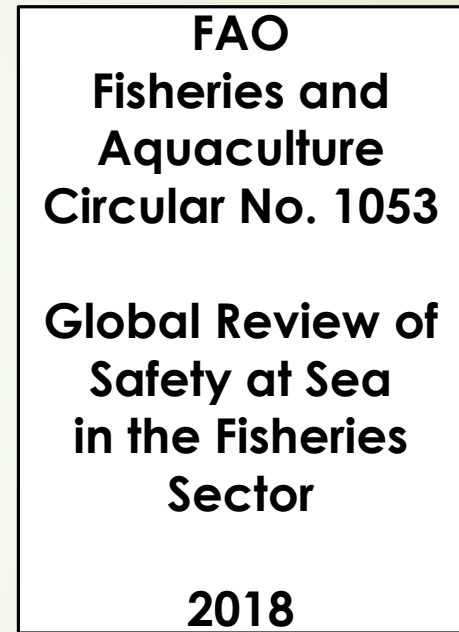
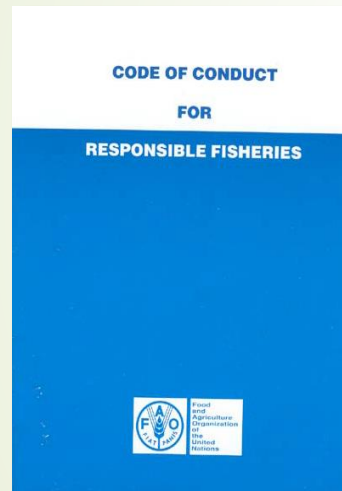


Fishing – probably the world's most dangerous occupation

- Fatality rate: 80 lives lost per 100,000 fishermen
- Large majority on board small vessels
- Devastating consequences:
 - in particular in developing countries without a welfare system to support the families



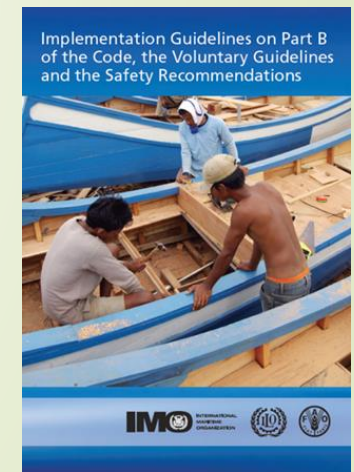
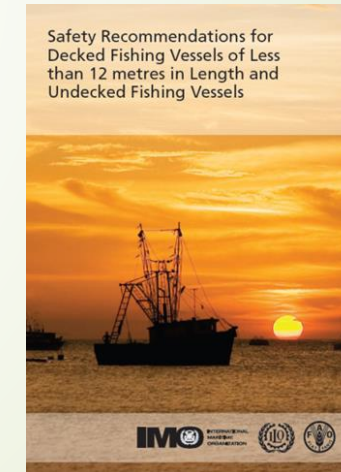
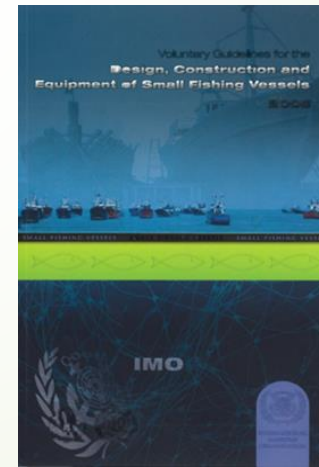
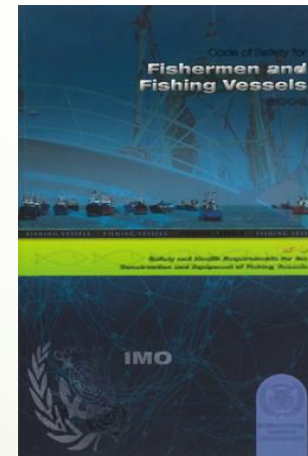
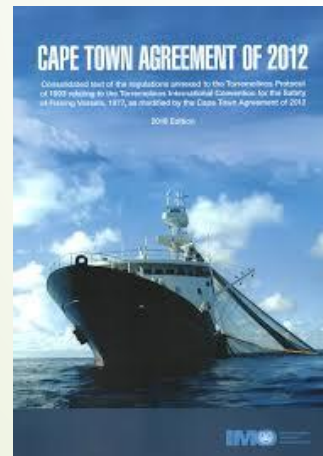
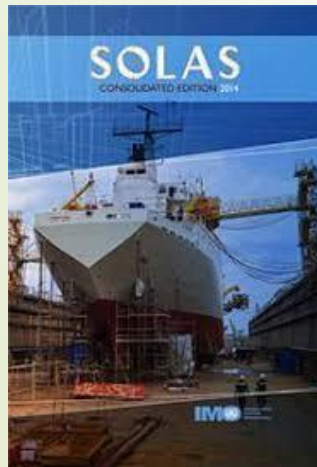
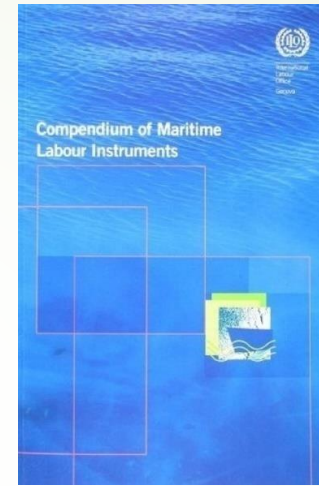
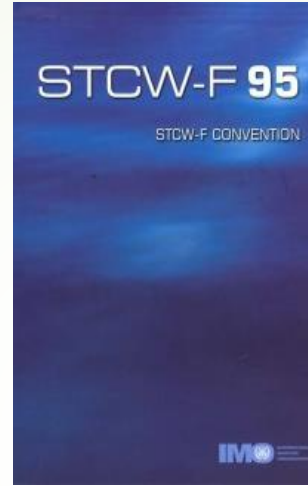
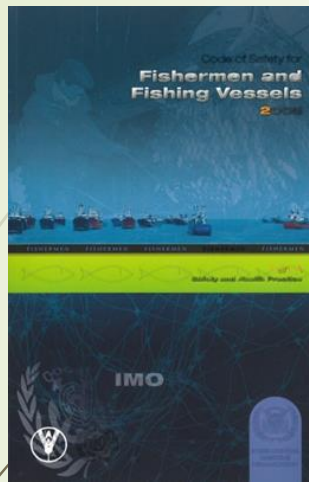
The role of FAO to improve safety at sea in the fisheries sector



FAO/ILO/IMO cooperation

8

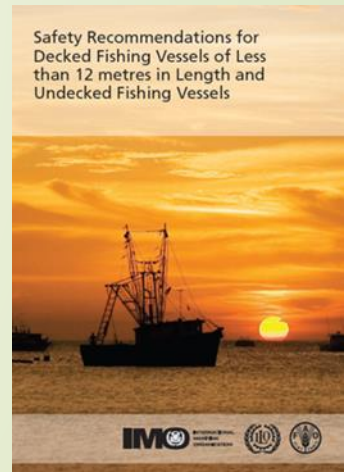
Mandatory and voluntary instruments:



The Fifth International Fishing Industry Safety & Health Conference (IFISH 5)

Safety Recommendations for Decked Fishing Vessels of Less than 12 metres in Length and Undecked Fishing Vessels

1. General provisions
2. Construction, watertight integrity and equipment
3. Stability and associated seaworthiness
4. Machinery and electrical installations
5. Fire protection and fire fighting
6. Protection of the crew
7. Life-saving appliances
8. Emergency procedures and safety training
9. Radio communications
10. Navigational equipment
11. Crew accommodation
12. Manning, training and competence
+ 34 annexes



Additional points about the Safety Recommendations

- ▶ Purpose: to provide information on the design, construction, equipment, training and protection of the crews of small fishing vessels with a view to promoting the safety of the vessel and the safety and health of the crews
- ▶ The Safety Recommendations may also serve as a guide for those concerned with the safety of vessels used in support of aquaculture activities

Additional points about the Safety Recommendations

- May serve as a guide to those concerned with developing or upgrading national laws and regulations as well as training material on safety at sea
- Published by FAO on behalf of FAO, ILO and IMO
- Available in several languages
- Can be downloaded from the FAO website free of charge

Implementation Guidelines on Part B of the Code, the Voluntary Guidelines and the Safety Recommendations

12

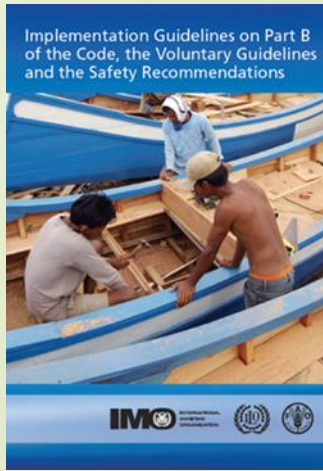
Chapters

1. The instruments
2. Administrative requirements
3. Legal implications
4. Capacity building
5. Ensuring compliance with national requirements
6. Operational safety
7. Common understanding of the technical provisions and terminology of the instruments
8. Human element on board

Annexes

1. Assessment of needs for fishing vessel survey and inspection services
2. Example of a safety certificate
3. Examples of survey checklists
4. Examples of an inspection checklist
5. Vessel and boatbuilding sectors
6. Code for the conduct of an inspector of small fishing vessels
7. Examples of relevant international agreements, both binding and voluntary
8. Annotated list of pertinent publications

The Fifth International Fishing Industry Safety & Health Conference (IFISH 5)



Additional points about the Implementation Guidelines

- Intended for maritime, labour and fisheries ministries and any other relevant ministry
- To raise awareness and offer guidance on a broad range of issues which must be addressed in an effective and holistic manner
- The cooperation and coordination between maritime, labour and fisheries administrations is important, particularly where the responsibilities for safety of fishing vessels are divided under relevant Acts

Additional points about the Implementation Guidelines

- It could also be useful when implementing the provisions of the Cape Town Agreement of 2012
- Published by FAO on behalf of FAO, ILO and IMO
- Available in several languages
- Can be downloaded from the FAO website free of charge

Summary: Vessel-related instruments

Vessel length → Instruments ↓	Decked < 12 m/ Undecked (all)	Decked 12-24 m	Decked ≥ 24 m
Cape Town Agreement			✓
Part B of the Code of Safety			✓
Voluntary Guidelines		✓	
Safety Recommendations	✓		
Implementation Guidelines	✓	✓	✓
ILO C.188/ ILO R.199	✓	✓	✓

FAO Safety for fishermen website

16

The screenshot shows the homepage of the FAO Safety for Fishermen website. At the top, there is a banner image of fishermen on a boat with the text "safety for fishermen". Below the banner is a navigation bar with language options: "english", "français", and "español", along with a "send by email" link. A Google Custom Search bar is also present. The main content area is titled "Safety for fishermen - home" and features a prominent headline: "Fishing at sea is probably the most dangerous occupation in the world". Below this headline, there is a paragraph of text stating that over 24,000 fishermen die every year and that more than 50% of the world's population lives within 60km of the coastline. A second paragraph welcomes visitors to the website, noting it is hosted by FAO and managed by a group of experts. To the left of the main content is a sidebar menu with links for "Safety for fishermen home", "About safety for fishermen", "Topics", "Resources", "Geographic location", and "Contact us". To the right is a "FAO Partners" section listing logos for the FAO, IMO (International Maritime Organization), ILO (International Labour Organization), SPC (Secretariat of the Pacific Community), BIRBP (Bureau International de Recherches Biologiques et Pêcheries), NIOSH (National Institute for Occupational Safety and Health), and OLDEPESCA (Organisation pour la Sécurité et la Santé des Pêcheurs de l'Industrie de la Mer Méditerranéenne). Below the main text, there is a "News" section with a photo of a group of people in a meeting room.

<http://www.fao.org/fishery/safety-for-fishermen>

www.fao.org/fishery/safety-for-fishermen

The Fifth International Fishing Industry Safety & Health Conference (IFISH 5)

شكراً!

谢谢!

Thank you!

Merci!

¡Gracias!

Спасибо