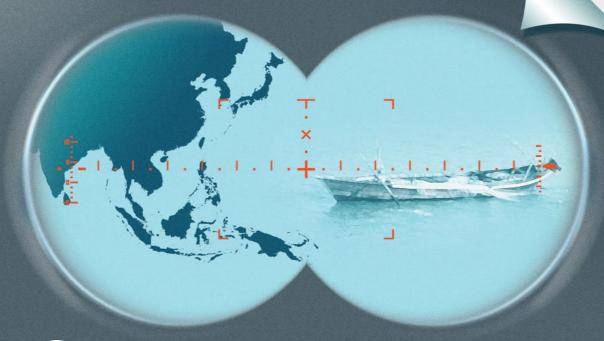
CUIDE BOOK ON IDENTIFICATION OF FISHING BOATS IN ASIAN WATERS

LERS ION





Acknowledgment

This Guide Book - Version 2 is produced by the ReCAAP Information Sharing Centre. We would like to thank the ReCAAP's Focal Points/Contact Point and other Organisations/Agencies for the invaluable contribution of photographs in making possible the publication of this Guide book for mariners.

Disclaimer

This Guide Book - Version 2 has been prepared only for general advisory purpose. The photographs of fishing boats/vessels featured in this Guide book have been made available courtesy of ReCAAP's Focal Points/Contact Point and open sources and intended only for the purpose of reference. It is used only for non-commercial purposes and not to be modified.

The maps that are shown in this Guide book are not drawn to scale and are intended to be general graphical representations of the various countries.

This Guide Book does not and shall not be construed to impose any obligation or requirement on ship owners or managers to implement any of the measures or advice therein, and any person or entity who wishes to implement the same is advised to exercise due care and discretion in doing so, having due regard to their own requirements and resource capabilities.

No responsibility is accepted by the Authors or by any person, firm, corporation or organisation for the accuracy of any information in this Guide Book or any omission from this Guide book or for any consequence whatsoever resulting directly or indirectly from applying or relying on this Guide Book even if it is caused by a failure to exercise reasonable care.

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Foreword

Many of the Piracy and Armed Robbery incidents at sea that occurred in Asian waters were being carried out by small boats. The boats that are used by the perpetrators often loiter in the vicinity of fishing boats operating in the region to mask their presence to avoid being detected by the authorities.

This 'Guide Book on Identification of Fishing Boats in Asian Waters - Version 2' includes additional fishing boats/vessels operating in Asian waters provided by the ReCAAP Focal Points/Contact Point. The different types of fishing boats/vessels operating in Asian waters are compiled in this Guide book, to assist the ship master and crew, to become more familiar with the characteristics and image of the boats that are operating in different regions in Asia. This Guide book will also facilitate the crew's vigilance when sighting boats/vessels that appear out of the norm and to adopt the necessary precautionary measures.

Perpetrators may use bigger boats as mother vessel as they have the capability to carry pirates for attack/to engage in Piracy and Armed Robbery at sea. They also have adequate fuel for sustainability at sea and to cover larger area/farther from land. Further, they have the capacity to carry onboard small boats and/or tow one or two smaller speed boats to carry out the attack.

In the event of perpetrators targeting to board the merchant vessel, an accurate description of the type of boat/vessel that was used by the perpetrators to make their getaways in, will greatly assist the enforcement agencies/relevant authorities in the investigation and eventual arrest of the perpetrators.

Master/crew/CSOs are encouraged to further build upon this repository of photographs of fishing boats/vessels for their own use. If the boats/vessels involved in the act of piracy and armed robbery is different from the ones that are shown in this Guide book, the pictures captured be shared with the ReCAAP ISC for further sharing to the mariners.

Crew are advised to refer to ReCAAP ISC's Regional Guide [Version 2] for updated information on the modus operandi for the different types of incidents and contact details of the relevant agencies. For timely reporting of incidents to the Coastal State and ReCAAP Focal Points, please refer to the Centre's poster that contains the contact details of respective MRCCs and ReCAAP Focal Points/Contact Point. Both the Regional Guide [Version 2] as well as poster can be found on: www.recaap.org



Bangladesh is a riverine country located in South Asia. The country has a deltaic coastline of 720 km which is highly irregular comprising of the three major ports and fissured by many rivers and streams flowing into the Bay of Bengal which provide an option of fresh water and marine fishing using traditional and mechanised fishing boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	4-5	2-4



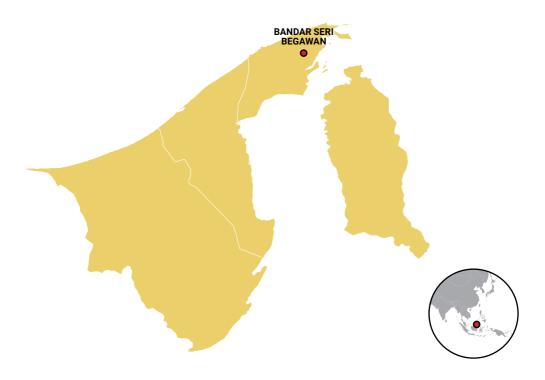
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	4-5	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-12	6-8	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-12	6-8	4-5



Brunei is a Southeast Asian country consisting of two unconnected parts with a total area of 5,765 km² on the island of Borneo. The majority of the population lives in the larger western part (Belait, Tutong, and Brunei-Muara), while less people live in the mountainous eastern part (Temburong District). Other major towns include the port town of Muara, the oil-producing town of Seria and its neighbouring town, Kuala Belait. Brunei has 161 km of coastline. Brunei-Muara, Belait, Tutong and Temburong are the main coastal areas of Brunei.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-15	6-15	5-8

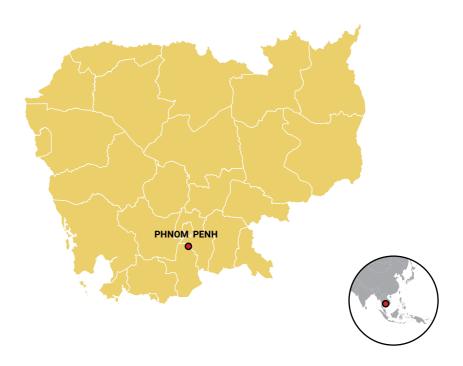


Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-6	5-8	1-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-15	8-12	5-8

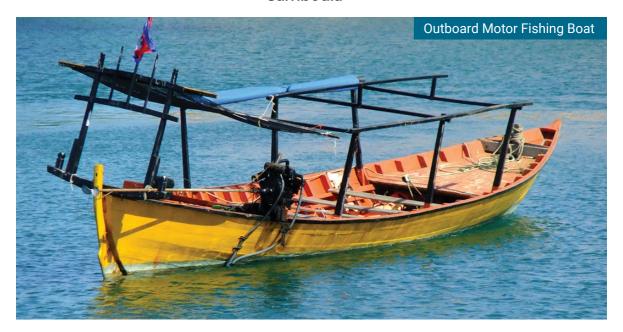
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Cambodia has a coastline of 443 km along the Gulf of Thailand. It has four provinces; Koh Kong, Sihanoukville, Kampot and Kep. It borders Thailand to the North and West, Laos to the Northeast and Vietnam to the East and Southeast.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	1-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	1-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-7	8-10	2-6



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-7	8-10	2-6



China is located in the east of Asia. It has a coastline of approximately 18,400 km with 34 major fishing ports. China's fishing fleet comprises motorised and non-motorised fishing vessels; of which mostly are motorised.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
45-50	10	30-40



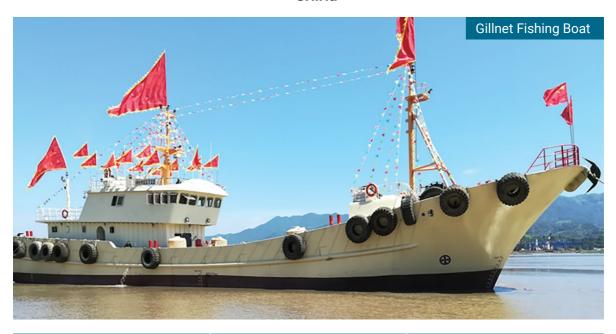
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
58	12	20-35



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
30-45	9-11.5	12-19



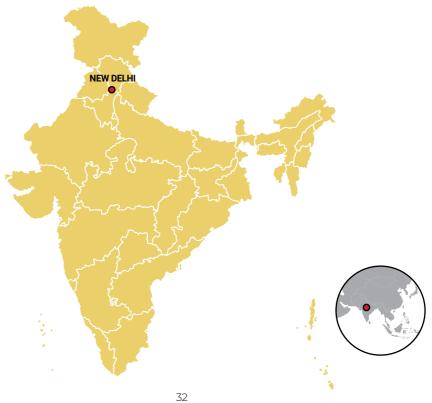
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
37-60	10-13	10-26



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
25-46	8-10	8-10

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India



India has a 7,516 km coastline which includes the west coast along the Arabian Sea, east coast along the Bay of Bengal and the island groups of Andaman & Nicobar and Lakshadweep. There are nine coastal states which house 12 major ports and 95 fishing harbours that allow for the use of traditional and non-traditional fishing practices using dinghy boats, motorised boats and mechanised boats.

India (Gujarat)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5	10	2

India (Gujarat)



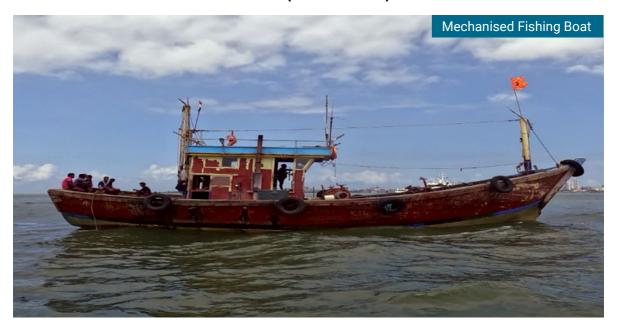
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-18	10	10-15



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-5	8-10	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-10	8-10	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-12	7-8	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-10	7-8	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	7-8	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	7-8	8-10

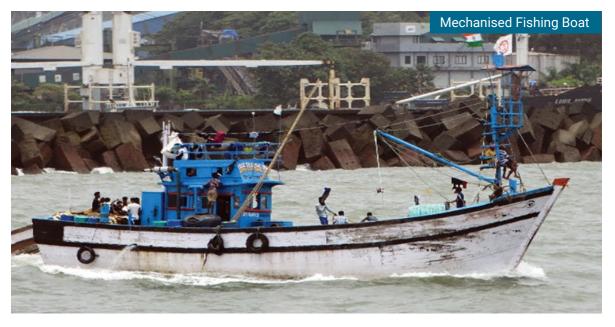


Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-10	5-6	3-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-7	7	8-10

India (Goa)



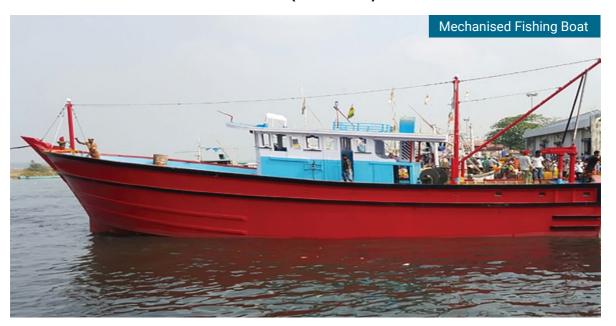
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15-17	7-8	8-10

India (Goa)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-4	7-8	8-10

India (Karnataka)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18-20	7-8	8-10

India (Karnataka)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-4	8-10	1-2

India (Kerala)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18-20	8-10	10-15

India (Kerala)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-4	12-15	2-4

India (Lakshadweep Islands)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-5	6-8	6-8

India (Lakshadweep Islands)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
9-10	8-12	6-8

India (Lakshadweep Islands)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
9-10	8-12	6-8

India (Andhra Pradesh)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15-20	8-12	8-10

India (Andhra Pradesh)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15-20	8-12	8-10

India (Andhra Pradesh)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-8	8-12	8-10

India (Tamil Nadu)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15-20	8-10	8-10

India (Tamil Nadu)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15-20	8-10	8-10

India (Tamil Nadu)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-10	8-10	2-4

India (Odisha)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
12-15	8-10	8-10

India (West Bengal)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-8	8-10	2-4

India (West Bengal)



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18-20	8-10	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-10	6-8	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18-20	7-8	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18-20	7-8	8-10

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Indonesia



Indonesia is a transcontinental country that has a total land area of 1,904,569 km², including 93,000 km² of inland seas (straits, bays, and other bodies of water).

The islands of Indonesia, also known as the Indonesian Archipelago or Nusantara, may refer either to the islands comprising the country of Indonesia or to the geographical groups which include its islands. The fishing fleet comprises of motorised, non-motorised and traditional fishing boats.

Indonesia



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-12	6-10	6-12



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	6-12	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-10	4-10	3-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-6	6-10	2-7



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	8-12	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-20	8-12	10-15



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-12	8-12	6-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-6	6-10	3-5



Japan is an island country in East Asia, located in the Pacific Ocean with its long coastline stretching 29,751 km. It is also an archipelago of 6,852 islands. The four largest islands are Honshu, Hokkaido, Kyushu, and Shikoku.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
14	20	10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-20	30	5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	30	10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	30	10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	30	10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	30	10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
40	15	30



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15	25	5



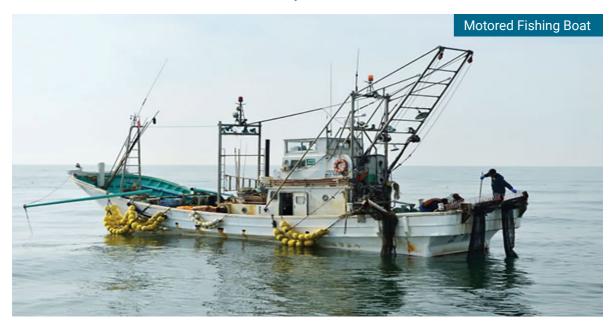
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15	25	5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	15	5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	15	5



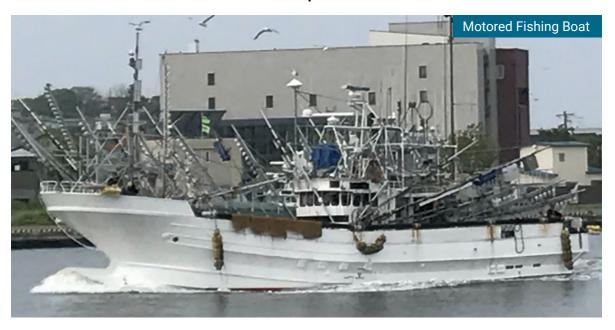
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	15	5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15	15	20



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15	15	20



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	15	19



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	25	5



The Republic of Korea is mostly surrounded by sea and has 15,257 km of coastline. Approximately 3,382 islands lie adjacent to the coastline. There are fishing activities in most of the coastal areas along the Korean peninsula throughout the year. Ships calling at Korean ports or other vessels passing through the Korean coastal water areas are to keep a look-out all the time during the voyage for safe navigation.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-13	10-12	7-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10	10-12	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
12.7	10-12	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
12-16	12-14	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
20	12-15	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
22	12-14	9



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
15	10	4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
17	12-13	3

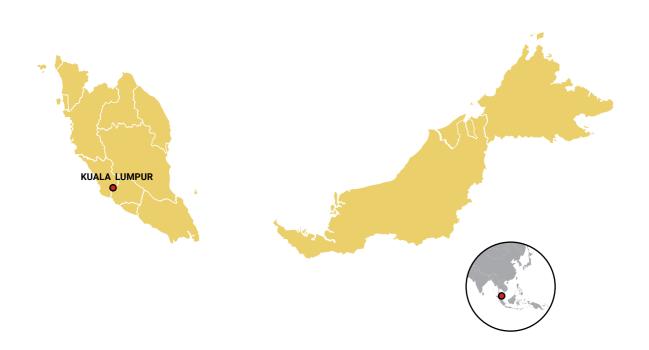


Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
9.6	10-12	3

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Laos is a landlocked country in Southeast Asia. It borders with China to the North, Thailand to the West, Cambodia to the South and Vietnam to the East. The country does not operate any fishing vessels in the Asian Sea Waters.



Malaysia has a total land area of 329,750 km², comprising of Peninsular Malaysia (131,590 km²) and the states of Sarawak (124,449 km²) and Sabah (73,711 km²). It has 4,800 km coastline. The fishing fleet comprises of motorised, non-motorised and traditional fishing boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-12	6-10	5-8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-15	8-12	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-10	6-10	5-8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-10	6-10	3-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-20	8-15	8-15



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-10	8-12	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-10	8-12	8-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
6-10	8-12	8-10





Myanmar is a country in Southeast Asia. The country is bordered by Bangladesh and India to its northwest, China to its northeast, Laos and Thailand to its east and southeast, and the Andaman Sea and the Bay of Bengal to its south and southwest. It has a total coastline of 2,227 km and has several islands and archipelagos.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	6-8	2-4



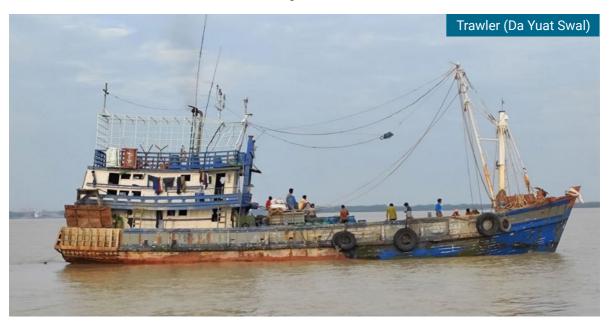
Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	10-15	20-35



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	8-10	7-15



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	8-12	7-15



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
10-15	8-12	25-50



Philippines total length of the coastline is 36,289 km and is irregular, with numerous bays, gulfs, and islets. It is composed of three major coastal islands (Luzon, Visayas and Mindanao). The fishing fleet comprises of motorised, non-motorised and traditional fishing boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-7	4-8	5-6



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
28.04	11	16



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
24.10	10	17



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
108	6	6



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-9	7	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
19	9	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
18.52	7.63	38



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
19.70	NA	7



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
20	11	12-15

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Singapore



Singapore is a city-state in Southeast Asia, located to the south of the Malayan Peninsula and separated from Malaysia by the Straits of Johor and from Indonesia by the Singapore Strait. The country has a coastline of 193 km and is located at the crossroads of major shipping lanes.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
12.1	NA	3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
13.5-18.8	NA	2-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
13.5-18.8	NA	2-10

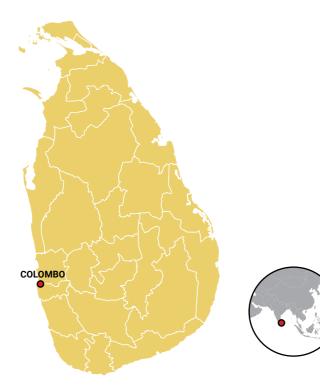


Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5.06-8.20	NA	1-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4.25-13	NA	1-6

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Sri Lanka is an island nation located in South Asia. The country has five coastal provinces and 1,340 km coastline which is formed by bays, inlets, lagoons and estuaries. There are five major ports and 26 fishing harbours which allow for the use of traditional and non-traditional fishing practices using dinghy boats, motorised boats and mechanised boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	12-15	2



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	12-15	2



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
5-6	12-15	2



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
7-8	6-8	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
7-8	6-8	2-3



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
16-17	8-10	8

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Thailand has a coastline of 2,815 km. The country is bordered to the north by Myanmar and Laos, to the east by Laos and Cambodia, to the south by the Gulf of Thailand and Malaysia, and to the west by the Andaman Sea and the extremity of Myanmar. The fishing fleet comprises of motorised, non-motorised and traditional fishing boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	4-5



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	4-5

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Vietnam has a coastline of 3,260 km, excluding islands. It borders the Gulf of Tonkin, Gulf of Thailand, China, Laos, and Cambodia. The elongated roughly S shaped country has a north-to-south distance of 1,650 km and is about 50 km wide at the narrowest point. The fishing fleet comprises of motorised, non-motorised and traditional fishing boats.



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-8	6-8	5-8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-5	8-10	5-10



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
3-8	6-8	5-8



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
4-6	6-8	2-4



Length Overall (Metres)	Max Speed (in Knots)	No. of Crew
8-12	6-8	6-12

Epilogue

Vigilance is key in combating Piracy and Armed Robbery incidents at sea. As the perpetrators are opportunistic in nature, keeping a constant lookout and continually ringfencing any potential lapses onboard the ship pertaining to crew duty, procedures and equipment can play a major deterrent role.

Ship master and crew are advised to adopt the following measures:

- Enhance all round vigilance, maximise alertness of lookouts and increase watch keeping
- Control the access to bridge, accommodation and machinery spaces
- Maintain continuous communication with the shipping company and enforcement
 agencies for monitoring and immediate responses in any eventualities
- Look out for broadcast of NAVTEX advisories
 - Refer to the latest information available at ReCAAP ISC website: www.recaap.org
- Sound alarm when suspicious boats in the vicinity or suspicious persons onboard ship are sighted
- Avoid confrontation with perpetrators
- Report all incidents to the nearest Coastal States whose contact details are provided in ReCAAP ISC posters, and flag States in accordance with the IMO Circular MSC.1/Circ. 1334

Stronger Together, we can make the seas safer and secure for mariners.

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Regional Cooperation Agreement on Combating Piracy and Armed Robbery against Ships in Asia

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