

**THE LEVEL OF KNOWLEDGE ON SEARCH AND
RESCUE AMONG THE FISHERMEN IN KUALA
TERENGGANU**

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THE FISHERMEN IN KUALA TERENGGANU

By
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Department of Nautical Science and Maritime Transportation
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To my beloved parents;
His Royal Highness, Zailan bin Mesran
Her Royal Highnesses;
Raja Norpizah binti Raja Kechik

&

My loving brothers and sisters;
Syaza Nur Khalida, Syaza Nur Amiera, Muhammad Naif Syazwie,
Muhammad Afiff Uzreen & Muhammad Wafiy Wajih Zikri.

For all their encouragements, guidance and understanding

ABSTRACT

Malaysian Maritime Enforcement Agency (MMEA) has been entrusted to coordinate search and rescue (SAR) duties in the Malaysia maritime zone since 2006. The study on the level of knowledge on search and rescue among the fishermen in Kuala Terengganu is closely related to the safety level either at themselves or the fishing vessel that they use while at sea. Based on the MMEA 2009 Annual Report, the statistic of emergency victims that has been conducted by the MMEA shows that the local fishermen occupy the highest percentage which is 39% based on the category of emergency victims involved. The project adopts the methods of questionnaires that have been given to the fishermen in North and South Kuala Terengganu area, and semi structured interview to the officers of Department of Fisheries (DOF) Terengganu, Malaysian Fisheries Institute (MFI) at Chendering and Kuala Terengganu Maritime District (DM9). The objectives of the study are to determine the current level of knowledge and exposure on SAR among the fishermen in Kuala Terengganu and to review the courses of training on safety at sea that are issued by the Malaysian Fisheries Institute to the fishermen in Kuala Terengganu. The global role of the Food and Agriculture Organization of the United Nations (FAO), the role DOF and MMEA for the safety of fishermen are discussed in the literature review. For the methodology, the primary resources will be obtained through direct conversations with question and answer session, use of questionnaires and field observations. Then, the secondary resources will be obtained through publications, journals, articles, thesis and texts related to the case study. The descriptive analysis of questionnaire is carried out according to the section A, B and C, the review on the courses of training on safety at sea and the level of knowledge and exposure on SAR among the fishermen in Kuala Terengganu are discussed in order to get the result more precisely as well as achieve the objectives of study such as to determine the current level of knowledge and level of exposure on SAR among the fishermen in Kuala Terengganu, and to review the courses of training on safety at sea that are issued by the MFI to the fishermen in Kuala Terengganu. In conclusion, the level of knowledge and exposure on SAR among the fishermen in Kuala Terengganu can be said at low level and poor based on the results analysis meanwhile the courses of training on the safety at sea are the courses which in the Basic Safety Training (BST) that be issued by the MFI since 2011. However, the responsible authorities should enhance the dissemination of BST in order to ensure and attract the fishermen in Kuala Terengganu to have the knowledge about the safety at sea.

ABSTRAK

Agensi Penguakuaasaan Maritim Malaysia (APMM) telah diamanahkan untuk menyelaraskan tugas mencari dan menyelamatkan (SAR) di Zon Maritim Malaysia sejak 2006. Kajian terhadap tahap pengetahuan tentang SAR dalam kalangan nelayan di Kuala Terengganu adalah berkait rapat dengan tahap keselamatan sama ada pada diri mereka mahupun vesel menangkap ikan yang digunakan oleh mereka di laut. Berdasarkan Laporan Tahunan APMM 2009, statistik mangsa kecemasan yang dibuat oleh APMM menunjukkan bahawa nelayan tempatan memperoleh peratusan paling tinggi iaitu 39% berdasarkan kategori mangsa kecemasan yang terlibat. Projek ini mengadaptasi kaedah dengan memberikan soal selidik kepada para nelayan di kawasan Kuala Terengganu Utara dan Selatan, dan temuramah secara *semi structured* dengan pegawai dan kakitangan di Jabatan Perikanan Malaysia (JPM) Terengganu, Institut Perikanan Malaysia (IPM) Chendering dan Daerah Maritim Kuala Terengganu (DM9). Objektif-objektif kajian ini adalah untuk menentukan tahap pengetahuan dan pendedahan semasa tentang SAR dalam kalangan nelayan di Kuala Terengganu dan mengkaji kursus-kursus latihan tentang keselamatan di laut yang dikeluarkan oleh IPM kepada para nelayan di Kuala Terengganu. Peranan global oleh Food and Agriculture Organization of the United Nations (FAO), peranan JPM dan APMM terhadap keselamatan para nelayan dibincangkan di dalam penulisan kajian. Bagi metodologi, sumber-sumber utama diperolehi melalui perbualan secara langsung bersama dengan sesi soal jawab, penggunaan soal selidik dan pemerhatian di lapangan. Kemudian, sumber-sumber sekunder diperolehi melalui penerbitan, jurnal, artikel, tesis dan teks-teks yang berkaitan dengan kajian kes. Analisis diskriptif tentang soal selidik dilakukan mengikut bahagian A, B dan C, kajian terhadap kursus-kursus latihan tentang keselamatan di laut, dan tahap pengetahuan dan pendedahan tentang SAR dalam kalangan nelayan di Kuala Terengganu dibincangkan untuk mendapatkan keputusan dengan lebih tepat di samping mencapai objektif-objektif kajian ini seperti untuk menentukan tahap pengetahuan dan pendedahan semasa tentang SAR dalam kalangan nelayan di Kuala Terengganu, dan untuk mengkaji kursus-kursus latihan tentang keselamatan di laut yang dikeluarkan oleh IPM kepada nelayan di Kuala Terengganu. Kesimpulannya, tahap pengetahuan dan pendedahan tentang SAR dalam kalangan nelayan di Kuala Terengganu boleh dikatakan berada pada tahap yang rendah dan tidak memuaskan berdasarkan analisis keputusan yang dibuat manakala kursus-kursus latihan tentang keselamatan di laut adalah kursus-kursus yang terdapat di dalam *Basic Safety Training (BST)* yang dikeluarkan oleh IPM sejak 2011. Walau bagaimanapun, pihak-pihak berkuasa yang bertanggungjawab dalam hal ini perlu mempertingkatkan lagi penyebaran tentang BST bagi memastikan dan menarik perhatian para nelayan di Kuala Terengganu untuk mempunyai pengetahuan tentang keselamatan di laut.