

A STUDY ON FACTORS CONTRIBUTING TOWARDS FERRY AND  
PASSENGER BOAT INCIDENTS IN MALAYSIA WATERS

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**By**

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## **ABSTRACT**

The scope of this research is covering generally all areas in Malaysia which operate ferries and passenger boats. The objectives of the study are firstly; to identify types of incidents involved in ferries and passenger boats, secondly, the factors that contribute to the incidents and finally, the locations with high frequency of the incident occurrences. The lives of passengers are at risks if these incidents keep occurring. Primary data is collected through in-depth interviews with marine officers in Marine Department Malaysia and secondary data are acquired from marine casualty data and incident reports supporting with reviewing of related previous research papers. Data gained are analyzed using Microsoft Excel. The incidents that often involved on ferries and passenger boats in Malaysia waters are collisions while human errors is another recognized factor as the most common factor that contributes to most incidents. The area with high frequency of the incidents occurred in Sarawak, East Malaysia. Basically, this research could be used to support any plan to reduce the casualties on passenger lives and injuries, the vessels and the environments.

## **ABSTRAK**

Skop untuk kajian ini adalah merangkumi secara umum semua kawasan yang mengendalikan perkhidmatan feri dan bot penumpang. Objektif kajian ini adalah yang pertamanya, untuk mengenalpasti jenis kemalangan yang dihadapi oleh feri dan bot penumpang, yang kedua, faktor-faktor yang menyumbang ke arah kemalangan tersebut dan akhir sekali kawasan-kawasan yang selalu berlakunya kemalangan tersebut. Nyawa penumpang adalah dalam ancaman sekiranya kemalangan-kemalangan ini sering berlaku. Maklumat premier diperoleh melalui temuramah secara mendalam dengan pegawai-pegawai Jabatan Laut dan maklumat sekunder didapati dari maklumat kemalangan marin dan laporan kemalangan disokong dengan melihat kepada kertas-kertas kajian sebelum yang berkaitan. Maklumat yang diperoleh dianalisa menggunakan Microsoft Excel. Kemalangan yang kerap dihadapi oleh feri dan boat penumpang adalah pelanggaran manakala faktor kecuaiian manusia adalah faktor yang dikenali banyak menyumbang. Kawasan yang kerap berlakunya kemalangan-kemalangan terjadi di Sarawak, Malaysia Timur. Secara dasarnya, kajian ini boleh digunakan untuk menyokong mana-mana pelan untuk mengurangkan kecelakaan yang melibatkan nyawa dan kecederaan penumpang, feri dan alam sekitar.