





**STUDY TO DEVELOP GARBAGE MANAGEMENT PLAN FOR DOMESTIC  
FISHING VESSEL OF MALAYSIA: STUDY AREA KUALA TERENGGANU**

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**A project report submitted in partial fulfilment of the requirement for  
the award of the degree of Bachelor of Science (Nautical Science and  
Maritime Transportation)**

**Faculty of Maritime Studies and Marine Science  
Universiti Malaysia Terengganu**

**2013**

## **DEDICATION**

To my beloved parents:

Rosli Bin Che Man

and

Hazimah Binti Muda

&

My loving brothers and sisters;

Hamizan, Hamizi, Hazihan, Mohamad Abdul Rahim, Muhammad aliff syafi'e, Muhammad Ali Syaufiq, Hasmiza, Hasmidar, Hayaton Haya, Nur Hayatun Nuffus, Nur Hayatun Rahimmah, Nur Sifati Nabilah.

For their huge supports, encouragements and guidances

## **ABSTRACT**

The main international convention regulating the protection of the seas against pollution is MARPOL 73/78. Annex V-MARPOL 73/78 provides regulations regarding handling and disposal on-board generated garbage. Further there are national laws and regulations dealing with the same subject, strictly enforced. However in Malaysia, Annex V-MARPOL 73/78 only implemented for merchant shipping. There is no Garbage Management Plan on-board domestic fishing vessel. The study to develop Garbage Management Plan for domestic fishing vessel should be carried out for the purpose of pollution prevention. The project adopts the methods of site survey which the survey checklist question have been distribute among fisherman. The objectives of the study are to view the current status of garbage management plan for domestic fishing vessel, to develop garbage management plan for domestic fishing vessel, and to determine the level of awareness of fisherman about garbage management plan onboard fishing vessel. The Environmental Quality Act 1974, Law of Malaysia and Part IV Protection and Preservation of the Marine Environment, Exclusive Economic Zone 1984, had been discussed in the literature review. For the methodology, the primary resources will be obtained through the site survey checklist question and field observation. Then, the secondary resources will be obtained through publication, journal, articles, thesis, and text related to the case study. The descriptive analysis of survey question is carried out according to the section A, B, C, and D.

## **ABSTRAK**

Konvensyen antarabangsa utama yang mengawal selia perlindungan laut terhadap pencemaran adalah MARPOL 73/78. Lampiran V-MARPOL 73/78 menyediakan peraturan-peraturan mengenai pengendalian dan pelupusan sampah yang dijana atas kapal. Selanjutnya terdapat juga undang-undang dan peraturan negara berkaitan dengan perkara yang sama, dikuatkuasakan dengan tegas. Walau bagaimanapun, di Malaysia, Lampiran V-MARPOL 73/78 hanya dilaksanakan bagi perkapalan dagang sahaja. Tiada pelan pengurusan sampah di atas kapal penangkapan ikan tempatan. Jadi, kajian untuk membangunkan pelan pengurusan sampah bagi kapal penangkapan ikan domestik harus dijalankan bagi tujuan pencegahan pencemaran. Projek ini mengadaptasi kaedah dengan memberikan soal selidik kepada nelayan. Objektif-objektid kajian ini adalah untuk melihat status semasa pelan pengurusan sampah untuk kapal penangkapan ikan tempatan, untuk membangunkan pelan pengurusan sampah di atas kapal penangkapan ikan tempatan, dan untuk mengenalpasti tahap kesedaran nelayan mengenai pelan pengurusan sampah di kapal penangkapan ikan. Akta Kualiti Alam Sekeliling 1974, Undang-undang Malaysia dan Bahagian iv Perlindungan dan Pemeliharaan Alam Sekitar Marin, Zon Ekonomi Eksklusif 1984 dibincangkan di dalam penulisan kajian. Bagi metodologi, sumber-sumber utama diperolehi melalui penggunaan soal selidik dan pemerhatian di lapangan. Kemudian, sumber-sumber sekunder diperolehi melalui penerbitan, jurnal, artikel, tesis, dan teks-teks yang berkaitan dengan kes kajian. Analisis diskriptif tentang soal selidik dijalankan mengikut bahagian A, B, C dan D.