

**PHYSICAL CHARACTERISTIC STUDY OF INSHORE FISHING
BOAT IN EAST COAST OF MALAYSIA**

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**PHYSICAL CHARACTERISTIC STUDY OF INSHORE FISHING BOAT
IN EAST COAST OF MALAYSIA**

**By
MOHAMAD SUKRI BIN SALEHUDIN**

**A thesis submitted in partial fulfillment
of the requirements for the award of the degree of
Bachelor of Applied Science (Maritime Technology)**

**DEPARTMENT OF MARITIME TECHNOLOGY
FACULTY OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITI MALAYSIA TERENGGANU
2013**



DEPARTMENT OF MARITIME TECHNOLOGY

FACULTY OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITI MALAYSIA TERENGGANU

DECLARATION AND VERIFICATION REPORT
FINAL YEAR RESEARCH PROJECT

It is hereby declared and verified that this research report entitled: Physical Characteristic Study of Inshore Fishing Boat in East Coast of Malaysia by Mohamad Sukri Bin Salehudin, Matric No. UK 21007, have been examined and all errors identified have been corrected. This report is submitted to the Department of Maritime Technology as partial fulfillment towards obtaining the degree of Bachelor of Applied Science (Maritime Technology), Faculty of Maritime Studies and Marine Science, Universiti Malaysia Terengganu.

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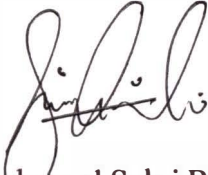
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DECLARATION

I hereby declare that this thesis entitled “Physical Characteristic Study of Inshore Fishing Boat in East Coast of Malaysia” is the result of my own research except as cited in the references.

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ABSTRAK

Kajian ini bertujuan untuk mengkaji perbezaan ciri-ciri bot nelayan pesisir pantai di negeri Pantai Timur Malaysia dan perbezaan cara pembuatannya. Setiap negeri di Malaysia mempunyai perbezaan budaya masing-masing dan ini akan mempengaruhi sesebuah bentuk kapal nelayan tersebut. Selain itu, setiap negeri mempunyai pembuat bot masing-masing, maka akan terdapat sedikit perbezaan bentuk bot tersebut kerana pembuat bot tidak menggunakan sebarang sumber rujukan, malah hanya mempraktikkan kemahiran tradisi mereka. Kajian ini telah dijalankan di tiga buah negeri di Pantai Timur iaitu Terengganu, Kelantan dan Pahang. Setiap negeri ditumpukan kepada kawasan-kawasan tertentu seperti Kampung Losong dan Kampung Pulau rusa di Terengganu, Kampung Tanjung Che Mah, Tumpat dan Kampung Tok Bali di Kelantan, dan Kampung Tanjung Lumpur dan Kampung Belukar Tanah Putih di Kuantan Pahang. Skop kajian ini ialah berdasarkan bot nelayan kelas B dan aktiviti Pukat tunda. Bagi memastikan kajian ini berjalan lancar, beberapa kaedah telah disenaraikan iaitu kaedah melalui pemerhatian, kaji selidik data, temu ramah, dan melalui boring kaji selidik. Keputusan kajian ini didapati telah memberi beberapa perbezaan rekabentuk, ciri-ciri bot nelayan bagi setiap negeri dan sedikit perbezaan cara pembuatan dan kekuatan bot nelayan bagi setiap negeri yang telah dinyatakan.

ABSTRACT

This study is aim to examine the difference of the characteristic of inshore fishing boat in East Coast of Malaysia and the difference of construction method. Each state in Malaysia has their cultural differences and this will influence the shape of these boats. Besides that, each states has their own traditional boat builders, there have a slightly difference in the form of the boat because the boat builders do not use any source of reference, but only based on their tradition skills. This study has conducted in three states of East Coast Malaysia that is Terengganu, Kelantan, and Pahang. Each state was focused on specific areas such as Kampung Losong, Kampung Pulau Rusa in Terengganu, Kampung Tanjung Che Mah, Tumpat, Kampung Tok Bali in Kelantan, Kampung Tanjung Lumpur and Kampung Belukar, Tanah Putih in Kuantan Pahang. The scope of this study is based on the B class fishing boats and trawler activity. In order to makes this study run smoothly, several methods were listed, that is observation, survey data, interview and through questionnaire. The result of this study found slightly difference in both characteristic and design from each state, a slightly difference in construction method and the sustainability of the traditional fishing boat within the state that have been stated before.