

**PRELIMINARY DESIGN OF PASSENGER BOAT TO OPERATE
AROUND SEBERANG TAKIR**

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**PELIMINARY DESIGN OF PASSENGER BOAT TO OPERATE AROUND
SEBERANG TAKIR**

By

SHHRUL MUNIR BIN BAHARI

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

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**DECLARATION AND VERIFICATION REPORT
FINAL YEAR RESEARCH PROJECT**

It is hereby declared and verified that this research report entitled: **Preliminary Design of Passenger Boat to Operate around Seberang Takir** by **Shahrul Munir Bin Bahari, Matric No. UK 16733** has 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 **Bachelor Degree of Applied Science (Maritime Technology)**, Faculty of Maritime Studies and Marine Science, Universiti Malaysia Terengganu.

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DECLARATION

I hereby declare that this thesis entitled "Preliminary Design of Passenger Boat to Operate around Seberang Takir" is my own research except as cited in the references.

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ABSTRACT

This paper describes a preliminary design of passenger boat to operate around Seberang Takir, Kuala Terengganu. Furthermore, the prototype of monohull is selected with suitable number of passengers. This project includes a methodology to predict the boats performance by using Maxsurf software program based on required input data that have been measured manually from Seberang Takir Jetty. The lines plan and general arrangement plan will be generated from Maxsurf-Pro and Auto- cad design methods and processes are discussed detailed in this study. Through this project has made a comparison between two passenger boats that exist in Seberang Takir in terms of performance, design and materials and at the end of this project has been determined that the boat is suitable with the environment and feasible to operate at that area.