

A CASE STUDY OF RESISTANCE SYSTEM TOWARDS FISHERMAN'S BOAT IN KUALA SELANGOR

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ABSTRACT

The Fishing industry is the main important business among the people in Kuala Selangor. However according to the statistic produced by Jabatan Perikanan Negeri Selangor the productivity of fishing industry is becoming stagnant from year to another. Initiative is taken by Faculty of Mechanical Engineering, Universiti Teknologi Mara to identify their main problem by conducting this case study. Apparently this study is trying to provide a best solution in term of engineering scope. After conducting a survey, Resistance System is identified as the main barrier on Class A fishing boat performance and deeper studies are done to get the exact value of total resistance on this boat. Later this value will open a door for more discovery for example getting the value for effective horse power for engine boat, propulsive coefficient and many more which are important for determining the efficiency of a fishing boat performance as a whole.

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