TRIMARAN PASSENGER SHIP DESIGN AS A MEANS OF TRANSPORTATION CROSSING GRESIK-BAWEAN

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Abstract

In this final project will be a trimaran hull design as a means of transportation Gresik-Bawean. The trimaran hull design process at the end of the task is done using the software maxsurf. The researcher also conducted an analysis of power and resistance of the trimaran vessel, and a single catamaran hull using hullspeed software.

From this analysis it can be seen where the ship which has the value of the resistance and better power. From the analysis will also be determined corresponding main engine for ship model trimaran design.

With the final project is expected to be a material consideration for the parties relating to the transport of Gresik-Bawean so masalahtransportasi sea in the region can be resolved soon.

Keywords: Trimaran, Maxsurf, hullspeed.