STANDARD DESIGN OF TRADITIONAL FISHERMAN BOAT 
WITH 10 GT IN NORTHERN COASTAL OF EAST JAVA

Student Name : Hafid Syaifullah

Instructure : 1. Ir. Gaguk Suhardjito, MM. 196101141987011001
2. Fathulloh, ST.,MT. 132208961

ABSTRACT

Up to now, traditional fisherman only use their skills to make boats from their parents. In the building process of traditional fisherman boats, they have not used building structure drawing and complete technical specification as a standard. The fisherman boats in northern coastal of East Java are still dominated with many kinds of traditional boats. Many traditional fisherman boats with 10 GT need a standard design.

The standard design is aimed to make people easier to build a new boat and also increase the technique to build boats effectively and efficiently. To use standard design, the building of the new boat is faster. Therefore, they need to observe directly in the field. The traditional fisherman boat with 10 GT that will be standardized, chosen suitable with the limitation of problems. The observation result is the measurement principal dimension of boats, fishing gear, wood used in boat flank, and boat visual picture.

The final result standard design of the traditional fisherman boat with 10 GT is principal dimension of boat, lines plan, hydrostatic curve, bill of materials, and building sequence.

Key word : Standard, Traditional Fisherman Boat, 10 GT, Design