ABSTRACT

Kort Nozzle Propeller is a type of propeller that is usually used to these types of ships such as the Tug Boat Snooze, Anchor Handling Tug, tug boats and other types. Kort nozzle is a kind of circular tube located outside the propeller leaf that serves to focus the fluid flow into the propeller, so the water coming out of the propeller have higher pressure or efficiency will be higher. Installation of Kort Nozzle Propeller type carried out by several steps or procedures, that phase will be discussed in this final, especially at the Anchor Handling Tug Supply 52m (8200PS).

The procedure which explain in kort nozzle propeller installation such as started from ship design step, calculation of stern construction, the changing because the installation of kort nozzle propeller and calculation of fluid. Next do the alignment or the alignment axis of the propeller with the engine axis. Then the last stage is the installation technique kort nozzle according to the manual book.

Results to be obtained in this research that kort nozzle propeller installation techniques that will be presented in the form of 2D drawings or photographs. It also gained some advantage with the kort nozzle and trim changes due to the installation of kort nozzle.

Keywords: Kort Nozzle, Propeller