

ABSTRACT

AdiPrayogo, 2018, NIT: 50134768.N, *“The Optimizing Effort of Stripping Result on Methanol Discharging Process on MT.Perla”*, final project of Nautical Program, DIV Program, Merchant Marine Polytechnic of Semarang, First Advisor: Capt. I KadekLaju, SH, MM., M.Mar, Second Advisor: Achmad Wahyudiono, MM.

Implementation of stripping has an important role in the smooth process of unloading on board. The presence of complaints from loading master and surveyor about the rest of the cargo, a reprimand from the company about the latter of protest, and a lack of understanding from the surveyor and loading master into the background of the problems in this stripping process. The purpose of this study is to know the factors that need to be taken into account and note, and know how to overcome the less optimal stripping process.

In this thesis the research method used is descriptive qualitative method. Descriptive qualitative is a research method undertaken to determine the value of independent variables or more (independent) without making comparisons or combining between variables one with another variable.

Based on the results of research that researchers obtain then it can be concluded the results of stripping on methanol unloading process on MT perla vessels can be optimal if both factors are natural factors and technical factors are handled properly. Natural factors such as thunderstorms, lightning and the surrounding sea conditions can affect the stripping process, which is the delay of laycan and is dangerous to the connection between existing vessels. Efforts to overcome this is to coordinate with the terminal to carry out temporary stop because if it continues to endanger the ship and terminal and temporarily decide the equipment that connects between the ship and the terminal (hose or loading arm). Technical factors to be considered include the lack of handling the slope of the ship or list, trim the ship, the speed of the pump round, wind pressure, as well as the condition of the pipe and valve stripping. Attempts to be made for that matter are the chief officer or the duty officer to carry out periodic checks to ensure that the vessel is always ready for the unloading or stripping process and coordination with the engine room well to maximize the work of the equipment to be used (wind pressure and charge pump).

Keywords: stripping, safety meeting, methanol