

ABSTRACT

Lucky Satrio Wardhana, NIT. 49124452. N, 2017 “*Optimization Cargo Control Room Operation as Supporting Process of Unloading at MT. Durgandini*”, Diploma IV programe, Nautical, Merchant Marine Polytechnic Of Semarang, Preceptor I: Capt. Arika Palapa, M.Si, M.Mar and Preceptor II: Sri Suyanti, S.S

Cargo control room has the main function at the fluent loading and unloading at tanker ship, if in the operational cargo control room does not work correctly, so the loading and unloading process will be disturbed and can make claims from the lessee. This script takes some problems about how to make the good procedure of cargo control room operation so the process of loading unloading can run smoothly and what are the problems that can disturb the operational of cargo control room. Cargo control room is the place to operate the loading and unloading on board. It will be good if cargo control room located over the pump room so we can see the tank cargo clearly, beside of that cargo control room have to has a big space for control panel and equipment because control panel and equipment supporting that what makes the cargo control room has the main part for fluent process of loading and unloading at tanker ship.

In writing of this script we used USG (urgency, seiriousness, growth) method. This method is for getting some priority problem that will disturb the operational of cargo control room in the process on loading and unloading. The problem should be given a special attention to response or anticipation. While the data collection method is using the method of interviewing, observation, and documentary study.

The result of the research is cargo control room operation at MT. Durgandini still not work in maximum state because some of equipment was broken like the switch panel cargo tanks, indicator of cargo, indicator of inert gas system and less of understanding from crew in operating the cargo control room because of their skill or ability, knowledge and their experiences are not enough also take part in disturbing the process of loading and unloading. In the operating procedure of cargo control room should be socialized continuously to the crew in order to implementation a job there will be nothing bad happened, beside of that training about cargo control room operation should be done to make the crew work effectively and increase the professionalism.

Key word : Cargo control room.