

ABSTRACT

Tri Cahyo Nugroho, NIT. 49124431. N, 2017, “effort of overcome the delay unloading process of bulk fertilizer on MV. Ibrahim Zahier”, Program Diploma IV, Nautika, Politeknik Ilmu Pelayaran Semarang, Pembimbing I: Capt. Didi Sumadi, M.M., M.Mar dan Pembimbing II: Achmad Wahyudiono, M.M., M.Mar.E,

The development of sea transportation is now advancing so rapidly, especially in terms of port. If talking about the port, then talking about ship. In addition to being used as a means of sea transportation, the vessel is also used in the process of loading and unloading at the port. In the implementation of constraints in the process of loading and unloading is still exist. The obstacle that occur in process unloading, among others, the occurrence of damage to the unloading equipment and clumping on the load carried the bulk fertilizer. Then through these obstacles, the author takes the title “*effort of overcome the delay unloading process of bulk fertilizer on MV. Ibrahim Zahier*”.

In the theoretical foundation contains some theory which is like the definition of loading and unloading which is an activity of load or unload with using crane/conveyor or the other equipment.

In accordance with scientific principles, in the writing of this essay, the author uses the method of research that is USG method ((*Urgency, seriously, growth*) with using data collection techniques, i.e. by observation, interview and literature study on the MV. Ibrahim Zahier during the implementation sea project.

Form the results of research during the implementation of sea project on vessel, the authors found an obstacle which result in delay in the process of loading and unloading of bulk fertilizer. The damage to unloading equipment is due to lack of regular maintenance and company delay in spending spare part. For clumping on the load caused by contaminated loads with water and poorly maintained fertilizer quality.

The conclusion of the research is that the process of unloading the cargo on MV. Ibrahim Zahier is not always running smoothly. The delay constraints caused by the damage to unloading equipment and clumping on the load. For that by doing regular maintenance and compacting the existing load, then the process of unloading is expected run smoothly.

Key word : delay time, tool breakdown.