

ABSTRACT

Aulia Uyun Asalina, 2018, NIT: 50134867. N, “*Efforts to increase the knowledge and skills of crew on the procedures for using fire extinguisher appliances in vessel MT.Pematang/P.1021*”, *Nautical Thesis, Diploma IV Program, Merchant Marine Polytechnic Semarang. Material Adviser (I): Capt. H. Suherman, M.Mar, And Material Adviser (II): Sri Purwantini, SE, S.Pd, MM.*

Fire drill is a training program that must be hold on the vessel according to the rules inside the Safety Of Life At Sea (SOLAS) book chapter III regulation 19.3.4, and every crew must have ability, knowledge and proficiency for using ship’s fire extinguisher appliances according to the Standard Of Training Certification And Watch keeping For Seafarer (STCW) table A-VI/2-1. The purpose of this research is to find out what is the first cause that makes fire drill failed on the vessel MT. Pematang / P.1021, another purpose this research is to find out training system that must be applied for increasing knowledge and proficiency of crew for using ship’s fire extinguisher appliances in vessel MT. Pematang / P.1021.

This research using descriptive qualitative method. Data was collected by interview, observation, documentation and library study.

The research result showed first causes that makes fire drill failed on the vessel MT. Pematang / P.1021 was from lack of awareness, discipline and knowledge of crew in procedures for using ship’s fire extinguisher appliances. The efforts that must be applied for increasing knowledge and proficiency of crew for using fire extinguisher appliances on the vessel MT. Pematang / P.1021 are implementation of fire drill regularly minimum one time every month, according to the Safety Of Life At Sea (SOLAS) book regulation 19, safety movie, familiarization of modern equipments and solas training on board should be optimized by crew.

Keyword : *Knowledge And Proficiency, Crew, Fire Extinguisher Appliances.*