

ABSTRACT

Istanto Wibowo, 2016, NIT: 49124600. T, "*Efforts to prevent fuel shortages at the time of the bunker with the Fault tree analysis Method In MV.SPB Lebam*", technical Thesis, Diploma IV Program, Merchant Marine Polytechnic Semarang. Material Adviser (I): Drs. Edy Warsopurnomo, MM, M.Mar. E. Methodologi and Writing Adviser (II): Dwiatmojo Purnomo, SH, MH.

Bunker is an activity that is carried out between the vessel as a receiver as a supplier of fuel and fuel providers. Each vessel for smooth operation certainly been linked to the bunker (fuel procurement). Therefore the need to make efforts to prevent fuel shortages during the process bunker with Fault tree analysis method in MV. SPB Lebam. The purpose of this study is, to know what factors led to the efforts of what to do when there is a shortage of fuel at the time of the bunker.

This research is descriptive qualitative method of fault tree analysis in detail the implementation of the ship MV. SPB Lebam. Besides collecting data through interviews, observation and documentation retrieval directly in the form of photos when the study was conducted in the ship MV. SPB Lebam.

The results of this study are the factors that lead to a shortage of fuel at the time the bunker was an error in determining the correction trim, error in determining the correction list / hell, Tool sounding tape folded and rusty, the measuring instrument is not calibrated, the lack of skills, lack of provision experience enough. Efforts will be undertaken in the event of a shortage of fuel at the time of the bunker is Improving accuracy and supervision on the implementation of the whole process of bunkers on board, Perform calibration of the measuring devices that are not in accordance with the standards and replace tool sounding tape which has multiplied and rusty with the new , increase the sense of responsibility and improve the understanding of the procedures bunker on the boat right.

Keywords : Bunker,Fuel oil, fault tree analysis