

ABSTRACT

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“OPTIMIZATION OF USE OF FIRE FIGHTING APPLIANCE ON
MV. MERATUS GORONTALO”, Nautical Department Scription, D
IV Program. Semarang Merchant Marine Polytechnic ,Preceptor (I) :
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Fire is a disaster or disaster that can occur at any time and anywhere without being predicted by crew ship, where this incident may endanger the safety of the ship's crew and the safety of ships and cargo. The authors write this thesis based on the experience of burning MV boats. MERATUS GORONTALO while alongside in the pasir panjang terminal port. In an attempt to extinguish the writer found some actions performed by the crew that is not in accordance with existing procedures and some equipment that can not function well.and knowledge factors also affect the optimal use of fire extinguishers in the event of emergency (fire) From things above The author raised the problem formulation that will be discussed in writing this essay is as follows, why fire extinguishers in MV. MERATUS GORONTALO need to be optimized? And how are efforts to optimize fire extinguishers?

Research methods used by the author in conveying the problem is descriptive qualitative to describe and describe the object under study. With the method of analyzing the combination of fish bone and FTA, where the fish bone to identify or organize the causes of not optimal use of fire extinguishers. FTA method serves to break down the causes that have been analyzed in fishbone to find a solution of the problem Based on the way obtained, the data obtained during the study is to use primary and secondary data as a supporter of the compilation of writing this thesis.

From the formulation of the existing problem, Concretion Conclude according to the condition that occurred in MV.MERATUS GORONTALO when crew melakuakn less than optimal that is: human resources crew ship in the fire, the certificate owned by the crew is not in accordance with the competence that is owned by the crew, maintenance and preparedness of fire extinguishers should always be ready at all times given the fire incident occurred kapn only. Fire fighting exercises will increase the competency and knowledge of crew and the phenomenal and crew preparedness of the ship's crew in overcoming the situation.

Keywords: fire, action, knowledge, procedure, equipment, optimal.