

ABSTRACT

Fathnurrokhim Al Firdaus Ramadhan, 49124414.N, 2017, “*Optimization preparation of cargo hold to accelerate a loading at MV. African Forest*”, Diploma IV, Nautical, Semarang Merchant Marine Polytechnic, Preceptors: (I) Capt. Hadi Supriyono, MM, M.Mar (II) Vega Vonsula Andromeda, S.ST, S.Pd, M.M

MV. African Forest is a general dry cargo heavy lift multipurpose vessel she was built on 2011 in China and she have four cargo hold and each cargo hold have a bulkhead to divide a cargo hold into forward cargo hold and aft cargo hold. Correctly preparation for cargo hold was an important factor for cargo operation, so that the cargo operation would running effective and efficient. A good strategy and coordination for preparation of cargo hold caused the cargo operation would running correctly and smoothly, effective and efficient.

Theoretical basis used for this research based on supporting book with the title is kapal dan muatannya, the properties and stowage of cargoes, modern ship stowage, and seaman ship techniques. The researcher use problem analysis technique USG (Urgency, Seriousness, Growth) to determine the problem which becomes the most priority when execution preparation cargo hold, so it to be found the problem solution. The researcher use the method of interview, observation, documentation and literature research as the data collection technique.

Based on the problem the conclusion is preparation of cargo hold did not implemented correctly. To improve vessel operation for the preparation of cargo hold correctly on MV. African Forest, some advice for crew member and company to make some schedule for preparation cargo hold after finished discharged some cargo, improve detail accuracy when cleaned a cargo hold and improve some cleaning equipment to clean cargo hold and prepared cargo hold correctly before started to load some cargo.

Keywords: Preparation, cargo hold, loading