ABSTRACT

Muhammad Fahrudin Nur Santoso, 2018, NIT: 51145124 N, *"Analysis of Implementation Management of Log Cargo Handling in 2 (two) Ports on MV. Pan Daisy",* Program Diploma IV, Nautical, Politeknik Ilmu Pelayaran Semarang, Supervising I: dr. Capt. Suwiyadi, M.Pd., M.Mar, and Supervising II: Sri Purwantini,SE.,S.Pd.,MM.

Cargoes which was had been carried away in a vessel what which is formed liquid and solid .While solid cargoes there have been some that packed, containerized, as well as in the form of intensity of bulked. Log cargoes are the type of cargoes which is densely populated and dry that is not packed .MV .Pan Daisy is the ships belonging to POS SM and are well crew managed by PT. Jansindo Duta Segara and one of bulker which is capable to carry log in hold and on deck. On her voyage, MV. Pan Daisy have loaded log in two ports. Therefore, on that voyage need more attention and special management so, loading is as well as possible. Beside of implementation management on cargo handling, calculation of cargoes should pay attention as much as others.

Management is art to rule something, so cargoes loading are turning as well as possible. Loading of cargo should comply with basic principle of loading which are protect the ship, protect the cargoes, protect the cress, effectively and efficient also loading with full and down. Log are wood cargoes which isn't treat yet. This cargo have their own density, irregular shape. While handling this kind of cargoes on deck need some lashing which are center lashing and over lashing.

The method which researcher used on this research is mixed research method which is processing data qualitative and quantitate data so those data compiled into one answer. On analysis data, we use fishbone analysis, USG and disciption.

Based on research result that had been carried on MV. Pan Daisy, we got preparation which should be done include some main factors, there are man, material/equipment, machinery and administration/document. On implementation of management on loading log include planning, organizing (distribution of jobs), actuating (to be done as per loading sequences, 1st port loading in hold, 2nd port loading on deck) and controlling. On calculation of draught there is different factor on which result we use for take data from hydrostatic table, on manual way, we use mean draught (dM) result but in program way we use quarter mean (qM).

Researcher suggestion are on preparation should be complied as well as written, because this is very important. On implementation of loading, should be done with sort. And also for calculation, keep using those ways and take average result which granted by Chief Officer and cargo surveyor.

Keywords: log, cargo handling, management.