

ABSTRACT

Imam Fachrudin, 2017, NIT: 50134784. N, "Analysis of Crew and Worker Understanding on Operating Hatch Cover Type Pontoon in MV. Pritha", Nautical Thesis, Diploma IV Program, Semarang Merchant Marine Polytechnic, Material Adviser (I): Capt.I Kadek Laju, S.H., M.M., M.Mar. and as Methodologi and Writing Adviser (II): Nur Rohmah, S.E., M.M.

Pontoon is a block-shaped iron plate with hollow inside and placed transversely on hatch threshold which function to protect the loads. Hatch cover type pontoon is opened and closed manually with vessel's derick boom. The operation of opening and closing hatch cover takes excessive time and energy, as pontoon has to be lifted one by one and placed above other unopened pontoon. The operating nature of hatch cover type pontoon has a huge risk, such as in Port of Bayah, 23rd of June 2016, at 14.00 Indonesia Western Time, a worker who was on duty got hit by pontoon. Therefore, analysis on the impact of lack of crew understanding on the operation of hatch cover type pontoon is needed. The objective of this research is to find out the impact of the lack of crew understanding on operation of hatch cover type pontoon. Moreover, this research also aim to find out the attempt to increase the crew's and worker's discipline in using safety equipment to operate hatch cover type pontoon.

This research uses descriptive and qualitative method to specifically describe the operation of hatch cover type pontoon which lead to work accident in MV Pritha. In determining the priority of the problem, the author uses USG method (Urgency, Seriousness, Growth) to give score from the sale 1 to 5 in the causes of work accident in MV Pritha.

The research result indicates that the impacts of the lack of crew understanding in operating hatch cover type pontoon in MV. Pritha are the increase of work accident risk when the operation of hatch cover type pontoon takes place, the failure of equipment used in operating hatch cover type pontoon, the lack of time and energy efficiency in operating hatch cover type pontoon. Steps needed to take to increase the discipline of crew and worker on using safety equipment in operating hatch cover type pontoon are giving instruction onboard on the importance to use safety equipment in operating hatch cover type pontoon, conducting safety meeting associated with discipline on personal safety equipment usage in operating hatch cover type pontoon.

Keywords : Crew, worker, hatch cover type pontoon