

ABSTRACT

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"Optimizing the maintenance loading and discharging equipment on board to facilitate loading and discharging activities in MV.ORIENTAL RUBY "

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In order to shipping of goods from loading port to discharging port can be on time accordance with the schedul , then in carrying loading equipment is one of the important factor for the loading or discharging process to run smoothly, the loading and discharging equipment of the deck crane is an arrangement of various shapes from to the vessel, while this equipment consists of boom , mast, derrick winch equipment with ropes. In carrying out of loading and discharging equipment there are several problems faced, example how the effect of equipment maintenance routine is not good fluency of loading and discharging process on the container ship that is by do maintenance schedule and immediate repair if ship's crane broken. In determining the priority of the problems , the method of research this is urgency, seriousness, grow USG and for writing method use qualitative methods which is observation that is by observing, interview is by direct interview to the crew about loading and discharging equipment and maintenance.

Based on the analysis that the maintenance of loading and discharging equipment can't be carried as usual which resulted in hampering or disruption, the effort taken to prevent such damage is to do maintenance in accordance with scheduled planned maintenance system PMS or check list. To increase awareness and understanding of crew to maintenance loading and discharging equipment where the time is not bumped by the ship operational activity and by providing availability of equipment and spare part so that can support by implementation maintenance loading and discharging equipment.

Keywords : Loading and discharging equipment, loading and discharging maintenance.