MANAGEMENT INFORMATION SYSTEM OF SHIP MAINTENANCE

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Abstract

Executing routine and periodical maintenance of ship should be supported by computer based programming system in order to simplify and accelerate maintenance work. Ship Management Information System (SMIS) Program become a solution to overcoming maintenance delay and saving maintenance cost.

SMIS Program becomes guidance in executing maintenance by displaying both the routine maintenance and periodical maintenance schedule and working instructions for each component. It is also displays the warning box as reminder for due date of certificates, docking maintenance, and routine maintenance that need to be executed immediately. It is easier to monitor the ship maintenance progress by both the shore-board and on-board then keep the result on the database system. It is provided by printing tools if need to be printed. The security of the ship maintenance data can be guaranteed by the login window that filters the user who access data.

Only take a few minute to attain the ship maintenance status and no limitation for the number of ships that to be maintained.

Keywords: Ship periodical schedule, ship routine maintenance interval, working instructions, maintenance database.