

ABSTRACTION

Angger Pradana 49124593 T. *Identifikasi Kerusakan CPP di MV. MAREN: Politeknik Ilmu Pelayaran Semarang 2017*. Pembimbing (I) F. Pambudi Widiatmaka S.T., M.T., (II) Capt. Sidrotul Muntaha, M.Si, M.Mar

CPP is part of the ship that serves drive the ship. Consisting of leaf propeller acting as a medium that is used to move the ship. CPP moves following the rotation of the M / E. Cpp move by telegraph commands that provide the commands to cpp to rotate the propeller leaf from 0 * to 360 *. CPP works by turning the leaf propeller adjusting of RPM that produced the M / E in accordance with the provisions set by the factory, and to rotate the leaves propeller The pump presses the oil in the gear box untk move the tail shaft / ass cpp with the provisions of the oil pressure which has been in specified by manufacturer. If CPP decreased work or damage it will cause delays in the movement of the ship and the ship stopped operating menyebabkan this is hurting shipping firms, the safety of crew boats and shipping traffic

Factors - factors that cause damage cpp hydraulic pump, hydraulic oil viscosity, oil filter, servo motors and lack of care. Which functions as hydraulic pumps and oil hydraulic tail shaft is moving forward and backward (horizontally) so that leaves propeller rotating speed required in accordance with instructions and useful oil filter untuuk keep kerjaa of hydraulic pumps and hydraulic oils. Servo motors damaged capable of making cpp can not work optimally because of the signal receiver and the giver does not work, is not optimal trimmer cpp that telambat operational and adequate power supply

Therefore, treatment pump hydraulic, oil viscosity hydraulic, oil filter, servo motors which regularly and systematically is so absolutely necessary to the CPP and to keep working CPP is necessary to do maintenance or maintenance of the components that it will be the authors discussed in this paper

Keywords: CPP. Servo motors, pumps, maintenance work, power supply