

ABSTRACT

Fajar Fangky Nugroho, 2018, 50134906 T "*The importance of generator parts availability to support planned maintenance and repairs on MV ships. DK 01* ", thesis of Teknika Study Program, Diploma IV Program, Polytechnic of Semarang Sailing Scout, Supervisor I: H. Mustholiq, M.M, M.Mar.E, Supervisor II: Tony Santiko, S.ST., M, Si

The diesel generator engine has a very important role to support the smoothness of the vessel voyage, one of the main supporters of diesel generator is the availability of its spare parts, which serves to facilitate the planned maintenance and repair on board.

The research method used is qualitative, in determining the priority of the problem to be resolved, the research using an approach tool that is SWOT method by giving the value 1-4. Sources of data that the author uses is the primary and secondary data sources, while the method of withdrawal of conclusions that the author uses is to compare the actual situation with the results of the author's thorough theory.

Based on the results of research conducted problems that occur is the lack of availability of spare parts generators that cause planned maintenance and repair becomes not maximal and this can cause damage to other parts if left continuously. The impact of the lack of spare parts availability in the generator resulted in the old spares in the recondition again, because the spare parts result from reconditioning of course the result is less perfect, unlike the factory. The strategy on the matter is maintenance and repair on the generator so as not to become more severe damage, make requests to the company continuously until the spare parts actually get on the ship, and in cooperation with the ship parts procurement department, or superintendent to accelerate procurement of generator parts to the ship to keep the engine and its components running normally and durable.

Keywords: Maintenance, spare parts, diesel generator.