

ABSTRACT

Achmad Asy'ari, NIT: 51145490. K, 2018, "*Analysis of delay in supply spare part that disrupt the maintenance management of MT. Enduro vessel at PT. Pertamina Perkapalan Jakarta*", Diploma IV, Port and Shipping study management, Merchant Marine Polytechnic Semarang, Supervisor I: Ir. Fitri Kensiwi, M.Pd and Supervisor II: Capt. Arika Palapa, M. Si., M.Mar.

Ship spare parts is supporting machinery elements in operation to function properly. So that it's hoped that supporting spare part on board can affect the damage that will occur. This makes an important role in the process of procurement of goods/services and the process of supply spare part on the ship to run smoothly. But the reality is in the field, the process has problems because in the process procurement of goods/services spare part it's difficult, ship route deviations often occur. PMS (plan maintenance system) routines don't work well. So that that this relatively long process causes delays in delivery.

The study was carried out on the delay in the supply spare part on the MT. Enduro vessel, one of the fleet ships owned by PT. Pertamina. Data sources used in the preparation of this thesis include primary data obtained directly from the research, and secondary data obtained from documents relating to the thesis title. Data sources obtained directly are participation, observation, interviews, literature studies related to this study. While the type of method that researchers use is a SWOT analysis, which aims to determine the most influential factor in the cause of delays in supply spare part.

After doing research using SWOT method, it's known that the causes of ship spare parts delays are due to the procurement process of goods/services and ship route deviations often occur. Countermeasures for this delay are by providing spare part and contacting the machining expert technicians closest to the port. The strategy that's carried out is by using the auction system to the vendors and the direct pointing method for the procurement of goods/ services.

Keywords: Spare part, Route deviations, Analysis SWOT