ABSTRACT


Cargo compressor is an equipment to reduce the pressure in the tank. The main purpose of cargo compressor is to suck the steam from cargo and transform it into liquid by the condenser flowed past the sea water as a medium condensate and steam condenser as a place to change into a liquid cargo. The supporting equipment inside the cargo compressor must be checked and proper maintenance should be done. Cargo compressor is very important onboard MT. Navigator Pluto as an equipment to decreasing pressure from the cargo, working of cargo compressor is not optimal, so testing and maintenance from the cargo compressor must be done as per schedule. Purpose of this research to know why the cargo compressor is not working properly.

Research using qualitative descriptive method by describing in detail the work that is less than the maximum cargo compressor when used in the MT. Navigator Pluto. Data were collected by interview and observation.

Research shown cause that makes cargo compressor not working optimal because the impeller component from the sea water was rusted and its can not suck the cargo vapour from the sea water not maximum, this sea water becoming the cargo vapour to liquid, then dirty condensator stuck by mud and seashell which is not going inside suck by sea water pump. Procedure discharge and load fully work at MT. Navigator Pluto, when any problem in cargo compressor to take cargo because so many cargo change be a vapour, chief officer do stop activity discharge and load in order cargo pump be broke on the ship.

Keywords: cargo compressor, discharge and load, ship to ship