## ABSTRACT

**Rifaldi Kusuma W**, 50134793. N, 2017 "Voyage Analysis Liner Service MV. Pulau Wetar "Diploma IV Program, Nautical Departement, Merchant Marine Polytechnic of Semarang, Supervisor I: Suwiyadi, Supervisor II: Mustoliq.

Analysis in a voyage is necessary to determine whether the shipping is done already meet the requirements requested by the owner of the cargo that wants to distribute commodities that are very valuable to the community that is the basic needs. Increasing demand The demand is offset by the increasing availability of cargo conveyance means Ships. This study aims to determine the preparations made in the implementation of fixed shipping routes (liner service) on the ship MV. Pulau Wetar. In addition to knowing the number of container loading and unloading distributions and knowing the differences that occur in each of the same service routes.

This research takes the object of research on board MV. Pulau Wetar with research time in August 2015 until August 2016. In preparing the research, test data, process data, discuss the results of research, draw conclusions and suggestions authors use mixed research methods. In this research, this research uses quantitative research method of quantitative descriptive type using SPSS 16.0 software and qualitative research method with scoring ultrasound method.

From the result of research by determining the priority of preparation done in liner service route implementation based on triangulation method there are 5 (five) preparations done by crew ship. Distribution of container loading and unloading on the basis of comparison with SPSS 16.0 software which is done in the same port and the same route is experiencing fluctuating changes. To know the difference that happened in each voyage based on data analysis SPSS 16.0 there are 4 (four) difference that happened on board.

Based on the observations, the writer found the solution for the preparation of the ship before making the liner service voyage that is by meeting with all crew of the ship, and for the calculation of the loading and unloading of each voyage, it is necessary to review by using SPSS 16.0 software to the calculation result to know Average unloaded or loaded loads at each port for each voyage, and a reconsideration between the Company and the crew of the vessel is required to determine which load must first be dispatched and required immediately by the port of destination.

Keywords: Analysis, voyage liner service