

ABSTRACT

Bella Octavia Sahara, 2017, NIT: 50134835.N, “*Analyze Distributing Loading and Unloading Cargo Avtur in MT. Sinar Emas*”, skripsi Nautical Study Program, Diploma IV Program, Politeknik Ilmu Pelayaran Semarang, Counselor I: Dr. Capt. Suwiyadi, M.Pd., M.Mar, Counselor II: Sri Murdiwati, S.Sos, M.Si

The main objective of the voyage is to distribute the loading and unloading of avtur in 3 unloading ports. In achieving these objectives can be determined from the steps undertaken to distribute the aviation load, the amount of loaded and unloaded load, and the calculation of the difference in the amount of avtur load dismantled.

The method used by the researchers to solve the problem is qualitative, quantitative method with data analysis method of Urgency, Seriousness, Growth (USG) to determine priority problem when distributing loading and unloading of cargo avtur load so that you can find the solution of the problem.

From the calculation of the priority of the problem, the most influential distribution in the process of loading and unloading. Sources of data from this study came from the observation of handling cargo on board during the period of January 2016 until July 2016, then processed using *Microsoft excel*.

The results showed: the steps taken by preparing administration and physical, planning with make a *stowage plan*, coordination *intern* and also *extern*, implementation distribution loading and unloading process, and evaluation for the calculation the cargo. Large load of avtur loaded and unloaded MT. Sinar Emas different in number at each loading port because of the amount of load required and there are some different between shore figure and ship figure, the state of the tank, the load pipe, the evaporation and leakage.

From the results of the study can be concluded that at each port and area need different avtur load with the same process and speed of unloading time in each port also vary.

Keywords: *Analyze, Distribution, Loading, Unloading, Avtur*