

## **ABSTRACT**

**Bayu Jati Prakoso**, 2017, NIT 50134804. N, “*Analysis the effect of different temperature at reefer cargo manifest with temperature at reefer container at MV. Hanjin Port Kelang*“. *Risearch by nautical departement, Diploma IV Program, Semarang Merchant Marine Politeknik, Material Lecturer I: Capt. Arika Palapa, M.si.,Mar., Methodologi and Writing Lecturer II: Achmad Wahyudiono, MM.*

*The different of temperature at reefer cargo manifest with temperature at reefer container usually can be happens, it has to be handled soon as. The different temperature will be influenced to vessel's work system spesially when vessel is loading. Every case which is occured in loading and unloading activity that has potention to increase dwelling time then occure the harmfull particulary the ship owner and good owner.*

*All risk occured becouse of disadvantage of time and cost, the job an officer who understands about this case is very needed. The different temperature has ever been faced by author when practicing and it's not pure from the vessel error. But, port also has influenced in case the different temperature itself. Factors that author figur it out from vessel or port is: an error when making reefer cargo manifest, error when arranging reefer container temperature, changes in the weather, damaging on the reefer engine, and electric ships equipment.*

*Based on reasearch's result and review the case about the different temperature and these affects, happened the different temperature at MV. Hanjin Port Kelang is coused by reefer container engine is damaged and electric ships equipment particulary compressor and plug wich burned by electric becouse of rain waters at MV. Hanjin Port Kelang on 7<sup>th</sup> April 2016 until 12<sup>nd</sup> April 2016 while vessel is sailing from Pasir Panjang, Singapore to Khalifa Port, Abu Dhabi and when the vessel loading at Busan New Port, Korea on 30<sup>th</sup> March 2016. From that case MV. Hanjin Port Kelang has the different temperature which coused the vessel gets delay departure and cost loss.*

*By knowing couse and effect which is by the casehappened at least do repairing soon and it is done by ship department. The case from delay departure which is occured by the different temperature needs review about the reefer container, do disscus and officer's mentaily so it could over comethe good case.*

**Keyword:** *Reefer Container, Different Temperature, USG Method*