

## **ABSTRACT**

**Atria Puji Lestari**, 2018, 51145496 K, “*Analysis of the short term development master plan (RIPP) of tanjung emas semarang port to the density of container in PT. Pelindo III Semarang branch office in 2017*”, Mini thesis of Port and Shipping Departmen, Diploma IV, Semarang Merchant Marine Polytechnic, Supervisor I: Dr. Winarno, S.ST, M.H, Supervisor II: H. Mustholiq, M.M, M.Mar.E

*The port development Master-plan (RIPP) is a long term planning instrument that used for new ports and the exist ports for their development plans. The Master plan (RIP) is indispensable for the port of Tanjung Emas Semarang in its development, because the flow of the ships and the containers which entered to the port of Tanjung Emas has increased in each year. So its can cause an overload on the port.. The purpose of this research are 1). To know the relation between Development Plan of Tanjung Emas Semarang of short term to container density. 2). To find out the actions implemented by PT. PELINDO III Semarang Branch is align with the Master Port Development Plan of Tanjung Emas Semarang. In this case the researcher used descriptive qualitative method to describe the object and explained the object that researcher. Moreover in this research also used observation, interview, and literature study.*

*From the result of the research that has been done, 1). that every projection presented in the Master Plan Development (RIP) port of Tanjung Emas Semarang different with the projection of the ships and the containers flow on their realization, which means the number of the ships and containers that entering Tanjung Emas Semarang port is much more than the number of the ships and containers on the prediction of Master Plan. 2). To solve the problem then an effort is needed made by PT. Pelindo III (persero) branch of Semarang, that is by arranging the development of the jetty, the construction of new Container Yard (Overbragen), the addition of Rubber Tyred Gantry (RTG) and Automatic Rubber Tyred Gantry (ARTG), also the addition of the gates on TPKS.*

*Based on the results of research, researcher gave suggestions 1). It is recommended that RIPP Tanjung Emas be accelerated and evaluated to prevent container density and in accordance with port requirements in the future. 2). PT. Pelindo III (Persero) Semarang branch makes planning for both the budget and the planning of the land and waters areas before developing.*

**Key word: Port Development Master Plan, Development Port, Overbragen**