

## ABSTRACT

**Jerry Wiji Nugroho**, 2017, NIT: 49124484. N, “Countermeasures Analysis of Overflow Overload on Cause of Pollution and Disruption of Load Process In MT. Pungut”, mini thesis Nautical Study Program, IV<sup>th</sup> Diploma Program, Semarang Merchant Marine Polytechnic, 1<sup>st</sup> Supervisor : Sahabuddin Sunusi. 2<sup>nd</sup> Supervisor : Andy Wahyu Hermanto.

*The emergency situation of the occurrence of Overflow is very dangerous, the event can cause pollution and damage to the ecosystem at sea, on this basis the authors have finished preparing a thesis with the title " Countermeasures Analysis of Overflow Overload on Cause of Pollution and Disruption of Load Process In MT. Pungut "and with problems such as Why an emergency overflow can occur during the loading process in MT. Pungut and How to Cope with the Situation if an overflow situation has occurred on board.*

*In writing this essay, the authors describe the theories used in the manufacture of research reports and as a foundation for solving problems that exist in the main research process associated with the causes and handling of the occurrence of overflow.*

*The method used is the method of USG and the method of analysis of this study using qualitative methods that produce descriptive data in the form of written words from people and observed behavior. In this case collect data in the form of approach to the object through observation, interview directly to the subject and using documents and data related to the causes of the occurrence and handling overflow.*

*Based on the results of research conducted, the authors found a problem in the cause of the overflow on the load that is handling in overseeing the loading process is not in accordance with the procedures established on the ship, this is due to lack of understanding and skills on the ship crew, so it is important that should be implemented with Full responsibility for overseeing the process of loading is considered easy, other cases found are the lack of accuracy in re-check all the tank loads on the ship before the loading process took place and the lack of socialization and safety meeting against the ship's crew about the dangers of overflow.*

*Based on the results of research analysis, and it can be concluded that the causes and handling of the occurrence of overflow in MT. Pungut don't conform to standard operational procedures (SOP). This is evidenced by the discovery of several circumstances in the process of supervision on board the ship, as the solution of the problem, the captain (in charge of general ship) and chief officer (officer loading) must handle or overcome the overflow in accordance with standard operational procedures and land parties or The port side loading must cooperate with the ship and play an active role in handling the overflow control over the vessel and more concerned with the safety of the ship in the process of loading on the ship, All this is done in order to create a smooth in the process of loading and avoiding pollution at sea.*

*Keywords : Prevention cause of occurrence overflow*