COMPARATIVE STUDY OF OPTIMIZATION DESIGN OF SEWAGE TREATMENT PLANT FOR NAVAL SHIP CORVETTE CLASS 90-METRES USING BIOLOGICAL AND CHEMICAL METHODS

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Abstrak
Annex IV of MARPOL 73/78 states that the system Sewage (waste disposal) is one system that must be installed / that must exist inside the vessel which has a Gross Tonnage (GT) 400 or if the vessel under 400 GT but has a total crew of more than 15 people and sailing in international waters, are required to have one of three approved waste disposal systems that is installed plant. Sewage Sewage Treatment Treatment is generally used in the ship there are 2 is biological and Chemical Sewage Treatment Plant Sewage Treatment Plant, on biological methods using bacteria used to break the solid constituents and the chemical method of using chemicals to break the solid constituents. Sewage will be chosen at an optimum system that will be installed on the boat with attention also room on ships availability, investment costs, operating costs as well as standard quality of Sewage.

Keyword : Sewage Treatment Plant, Biological, Chemical