DESIGN INTELLIGENT CONTROL SYSTEM FOR DISTRIBUTION FLEETS NAVY AT EAST INDIANESIAN REGION

Along with the increasing lawlessness Indonesian seas, which caused many losses to be borne by the Unitary Republic of Indonesia. In pressing the number of law violations marine waters of Indonesia TNI - AL need to work hard with sober security facility. Because the terms of the number of fleet owned by the navy felt still less than optimal. Thus the need for optimization in the placement of the patrol fleet owned by the TNI-AL.

In accordance with the above description, this study aims merancangan an intelligent control system on the distribution of a navy fleet to increase the security of sea waters in Indonesia, especially Indonesian region of the ocean waters east. This system is also expected to be able to provide solutions - solutions to problems related to the Navy fleet placement. So that later the output of the intelligent control system developed is a placement armad Navy optimal based on the maximum coverage area with the minimum operational cost.