CONCEPTUAL DESIGN OF FLOATING CONTAINER YARD

Name : GALILEA PRIMA K.
NRP : 4105 100 065

Jurusan : Teknik Perkapalan
Fakultas Teknologi Kelautan
Institut Teknologi Sepuluh Nopember

Supervisor : Ir. Tri Achmadi, Ph.D

ABSTRACT

Increasing demand of containers by shipper and consignee causes YOR (Yard Occupancy Ratio) level reached 85%, so the lack of container yard happened. The solution to open new container yard have burdened by rare amount of container yard availability. The other alternative solution is making conceptual design of floating container yard which didn’t need land. After analysis and calculation, in the reality development of floating container yard by feasibility of investment have assessed deserve to build up, while the operational usage of floating container yard increasing TRT’s ship become 14%, than usage existing container yard at this time.

Keywords: Container yard, alternative solution, investment, TRT