THE STUDY OF SELF PROPELLED OIL BARGE ( SPOB ) TRANSPORTER BUILDING OF PT. PERTAMINA ON THE SMALL SHIPYARD COMPANIES

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Abstract

PT. Pertamina UPms V plans to built 11 (eleven) units of SPOB (Self Propelled Oil Barge) in 2 (two) years in Surabaya. The development SPOB wil be done at small shipyard. In this final year project will study the possibility of SPOB building on the small shipyards in Surabaya

Because the existing small shipyards do not enable to build SPOB alone in 2 (two) years, so the building of those 11 (eleven) units of SPOB will be carried out using mass product system on 3 (three) small shipyards: that are 5 (five) units in PT.Dumas, 3 (three) units in PT. Adiluhung and 3 (three) units in PT. Ben Santosa. The distribution of this ship building is done based on existing production facility, ship building experience, man power and also the building berth condition of each shipyard. The ship will be built with block method then pyramid method for its assembling. To build the SPOB in 2 (two) years, production schedule is made on each shipyard based on the existing production facilities. The 11 (eleven) units SPOB building with the mass product system will reduce the production cost and then the price.

Key Word : Mass Product System, Block Metode, Pyramid Metode , Produktion Facility, Production Process,Production Cost