ANALYSIS OF CRASH PROGRAM APPLICATION TO ACCELERATE LCU 300 DWT HULL CONSTRUCTION AND ITS INFLUENCE TO SHIPYARD RESOURCES

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Abstract

In a ship building contract of employement there will be much agreement related to ship building process. To reach building process in time and to get quality production that expected, so the order of ship building process must be fixed rationally and appropriated with production facilities that available in shipyard. In this final project, the writer will be analyzing application of crash program method for LCU 300 DWT hull construction. Where the writer will accelerate building time from 107 days become 90 days. The application of crash program will influence to production cost, especially to direct labour cost. It because in a application of crash program needs additional time work (over time work) to some accerated activities. From the analysis obtain that initial direct labour cost is Rp 278,521,056,- become Rp 288,371,056,-. Because of compression of working time in 17 days so it will give an additional labour cost as much as Rp 9,850,000,-

Keyword : Crash Program, Hull Construction, Network Planning