Plate Margin Prediction Studies On The Block Assembly New Ship

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ABSTRACT

Phase joining block which has a margin of plate on the assembly process of new vessel box shape 50.000 DWT bulk carrier at PT.PAL Surabaya Ship Commerce division therenis little margin problems of the size issue.

The research was conducted to determine the effectiveness of margins obtained from the comparison of the three ships (229 ships, 230 ships and boats 231) in the construction of a new ship. The number of blocks which are connected at the 0.4 L - 0.7 L (paramiddle body) for each vessel as a whole is 61 connections that were analyzed using ANOVA.

Test results on each block of the web's biggest percentage mendeketi have a high effectiveness contained on this web block 3 with 87.78% effectiveness rate and the effectiveness of web block web block low at 8 only reaches 57.41%. Anova test results of ANOVA test has a significance value <0.05, so it concluded there were significant differences in the data a margin between the three ships.

Key Words : Block, Margin Plate, and Assembly