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RAČUNALOM POTPOMOŽNO UPRAVLJANJE PROCESOM GRADNJE BRODA

Sažetak

Uobičajenu metodologiju primjene računala pri projektiranju (CAD) i proizvodnji (CAM) nastojalo se primijeniti i kod upravljanja procesom gradnje broda. Uvođenjem IHOP metodologije gradnje broda dolazi do usitnjavanja planskih aktivnosti i pomicanja određenih (pod)aktivnosti u raniju fazu. Izrada dokumentacije, nabavljanje materijala, proizvodnja komponenti, ugradnja u objekt opremanja, planiranje te nadzor i izvještavanje postaju preopširni da bi se mogli pratiti na nivou gantograma. U ovom radu autori žele pokazati način kako je to rješavano u Brodosplit-Brodogradilištu.

Ključne riječi: brod, IHOP, objekt opremanja, tehnološke faze, planiranje, izvještavanje

COMPUTER AIDED MANAGING OF SHIP BUILDING PROCESS

Summary

The usual method of computer application in designing (CAD) and manufacturing (CAM) process has also been implemented in ship building process. With the introduction of the IHOP ship building method there is an effect of moving specific activities into earlier stages of building process, as well as the planning smaller activities. Production of documentation, providing raw materials, production of components, and installation of components, planning, supervision and reports are becoming too complex to be represented in the form of Gantt chart. In this paper the authors wish to present the way this issue has been addressed in the Brodosplit shipyard.

Key words: ship, IHOP, outfitting object, technological phases, planning, reporting