

Dino Macan, ULJANIK Brodogradilište d.d.
Đani Dundara, ULJANIK Brodogradilište d.d.
Doriano Čehić, ULJANIK Brodogradilište d.d.
Anto Tusun, ULJANIK Brodogradilište d.d.
Eduard Milovan, ULJANIK Brodogradilište d.d.

TECHNOLOGY OF CUTTER FABRICATION, MOUNTING AND CONTROLLED LOWERING INTO SHIP HULL – THEORY AND PRACTICE

Summary

During the initial stage of project realization of our Self propelled cutter suction dredger, we have separated 1200 ton cutter ladder as a unique technological unit for which we have devised fabrication and mounting technology, together with detailed procedure for controlled lowering into the ship hull and assembling process. The above mentioned technology was presented in theory on our last Symposium “Sorta 2008” and this work will give proof of theory and enrich it by actual experiences and achievements from actual events, since two (of scheduled four) controlled lowering have already taken place.

Key words: self propelled cutter suction dredger, cutter ladder, cutter “launching” (controlled cutter lowering into the ship hull)

TEHNOLOGIJA IZRADE, MONTAŽE I KONTROLIRANOG SPUŠTANJA KOPAČA U TRUP BRODA – TEORIJA I PRAKSA

Sažetak

Tijekom razrade projekta broda za jaružanje pijeska, mulja i kamenja izdvojen je kopač – 1200 tona teška radna ruka za kopanje kao tehnološka cjelina, te je za nju razvijena tehnologija izrade, montaže i kontroliranog spuštanja u brod, prije porinuća broda. Prethodno spomenuta tehnologija je prezentirana kao teoretski rad na „Sorti 2008“, a ovaj rad će teorijsku podlogu potvrditi, te obogatiti iskustvima i ostvarenjima iz prakse, obzirom da su provedena dva od predviđena četiri kontrolirana spuštanja u brod.

Ključne riječi: brod za jaružanje, kopač, „porinuće“ kopača (kontrolirano spuštanje kopača u trup broda)