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ONLINE ISSN : 1881-1760

PRINT ISSN : 1880-3717

Journal of the Japan Society of Naval Architects and Ocean Engineers

Vol. 3 (2006) pp.97-103

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Flight test of the canard type WISES by a self propulsion model of 3.6m length

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(Received March 31, 2006)

Summary: A new concept of Wing In Surface Effect Ship (WISES) is tested by self-propulsion models. The concept is a canard type WISES with forward-mounted aerodynamic propellers. It is expected to show good performance for the take off on waves. The present authors have built a 3.6m length model to demonstrate the concept. This paper describes the concept, the structure of the model, test results and discussions about the real sized ship, and finally concluding remarks.

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Hiromichi Akimoto, Syozo Kubo, Masahide Kawakami and Motoki Tanaka: Flight test of the canard type WISES by a self propulsion model of 3.6m length , Journal of the Japan Society of Naval Architects and Ocean Engineers, (2006), Vol. 3, pp.97-103 .

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