

造船CIMの将来像の考察

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Studies on the Future Images on CIM for Shipbuilding By Yutaka Hashizume* and others

Abstract

Recently many studies have been carried out on CIM for shipbuilding in every directions of the shipbuilding industries, including SHIP & OCEAN FOUNDATIONS and universities. We have been studying on it in Ship Research Institute, too. These papers are the results of studies on it in Ship Research Institute. We, in SRI, have mainly studied on the concept design of the future images on CIM for shipbuilding in Japan. Those consist of five themes.

- (a) An outline of a present status and a future image of researches on CIM for shipbuilding,
- (b) Research for a automatic assembling procedure and a concept design of automatic assembling method of a ship hull at ship yards,
- (c) Research for advanced man machine interface for a large scale manufacturing system, including shipbuilding,
- (d) Research for a evaluating method for non-monetary benefits of CIM for shipbuilding,
- (e) Research for a computer aided optimization method on basic design of ship

Papers on the first four themes are presented here, and the last paper will be published in the near future.

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