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The Italian challenge at the Little America's Cup 2013: Design and analysis method for the C Class prototypes



Presented at the STAR Global Conference 2012

This presentation describes the research and development work undertaken by the Challenge Italia design team to evaluate alternative designs for the production of the first two prototypes of C Class catamaran to participate in the Little America's cup challenge in 2013.

The use of a robust and versatile CFD suite such as STAR-CCM+ coupled with state of the art Velocity Performance Prediction tools, whose results have been interpreted and analyzed by experts, allowed the testing and comparison of a large number of different hull shapes. This contributed to lead the design towards specific shapes and helped choosing the hull to be built for the first two C Class prototypes for Challenge Italia.

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Industries:

Marine^[2]

Products:

Conference:

STAR Global Conference 2012^[3]

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Links:

[1] http://www.cd-adapco.com/sites/default/files/Presentation/Marine5_Challengeltalia_GM.pdf

[2] <http://www.cd-adapco.com/industries/marine>

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