

New design for Corsica Ferries

Corsica Ferries has assigned to NAOS the preliminary design work for the new ferries which intends to build. An holistic investigation on the traffic characteristics and optimal vessel for the purpose has been performed by the technical department of Corsica Ferries, and then transferred to NAOS to design the corresponding ship. This new very challenging project shall feature extreme low fuel consumption and excellent sea keeping performances. Reliability will be a key point in this design; in addition to be a Safe Return to Port vessel, Owner requirements include the ability to remain SRTP even after the failure (or maintenance) of a single main component.

Great attention will paid to environment in all respect. Several fuel option shall be considered, as well as other energy saving features.

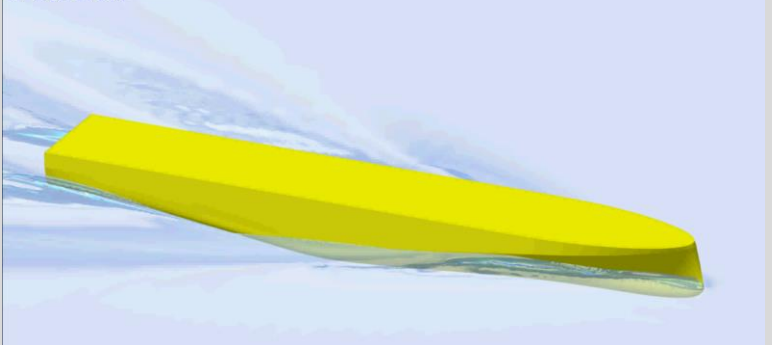


Extensive use of CFD is presently undertaken to analyze several hull form and bow shape.

The analysis are carried out both in calm water and in a range of operational sea state.

A first set of design documents will be ready at the end of this year, and will be used to start negotiation with several shipyards.

NUMECA



Ship Propulsion assisted by Wind



NAOS has been classified by the FVG regional government with the second higher score, for the “WEPAS” project (Wind Energy Propulsion Aid for Ships). The project will be funded through the POR FESR 2014-2020 funding scheme, and will allow the consortium to fully engineer and produce a scaled prototype of WSM 200 (Wing Sail Module 200 kW).

The consortium is led by NAOS and include CONCRANE srl, an Italian company specialized in marine cranes, and the Udine’s faculty of Mechanical Engineering in Italy. The project worths 750.000 € and will be supported with 570.000 €. The duration will be 28 months.

The prototype shall be installed on board of a Visentini vessel (probably a pure RoRo cargo vessel, but a RoPax is not excluded). A period of at least one year will be necessary to have sufficient data to evaluate performances.

TOLL new RoRo vessel successfully weighted and inclined

Just back from China Jinling Shipyard when this note are to be printed. The ship weight and VCG has been measured with the inclining experiment, and found both in perfect agreement with the predicted ones. Sea Trials will carried out the second and third week of September, and we will be onboard to check the performances.

