

ConfCab

Silent cabin on floating floors and decoupled decks

Fincantieri S.p.A. is Partner di ConfCab (Silent cabin on floating floors and decoupled decks) a research and development project in the field maritime technologies. The project is co-funded by the European Regional Development Fund and in the framework of Regional Operational Program (2014-2020) of the Italian Region Friuli Venezia Giulia, Objective "Investments to support Growth and Employment Objective 2014-2020", Axis 1 – "Strengthening research, technological development and innovation", Action 1.3 – "Support of collaborative R&D activities for the development of new sustainable technologies, products and services".

ConfCab started on the 1st October 2019. The project aims to develop and to validate an innovative technology made up by dismountable damping pillars and floating floors embedded with the anchoring system of the cabin. The technology will allows to reduce vibrations and noises perceived in cruise cabin and at the same time to increase the number of modules that could be prefabricated outboard decreasing the time and the costs of the building process.

ConfCab will develop the following completed and qualified systems:

- Project of the dismountable pillar;
- Project of the suspension of the separation-walls of the cabin;
- Project of the floating floor integrated with the cabin;

The result will be the prototype of a "cabin-system" in which the three systems, described above are integrated. Moreover, the research will outline the technical features of the product, the onboard installation procedures of the "cabin-system" (including the three systems) together with the preliminary conditions required by classification societies for the approval in principle process.

PROJECT DURATION: 30 months

BUDGET: € 799,904.00

FUNDED CONTRIBUTION: € 513,219.74

PARTNERSHIP: Fincantieri S.p.A.(Project Leader), CSNI- Consorzio Servizi Navali e Industriali S.c.ar.l, O.F.M.Lussetti Italia S.r.l., University of Trieste.



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