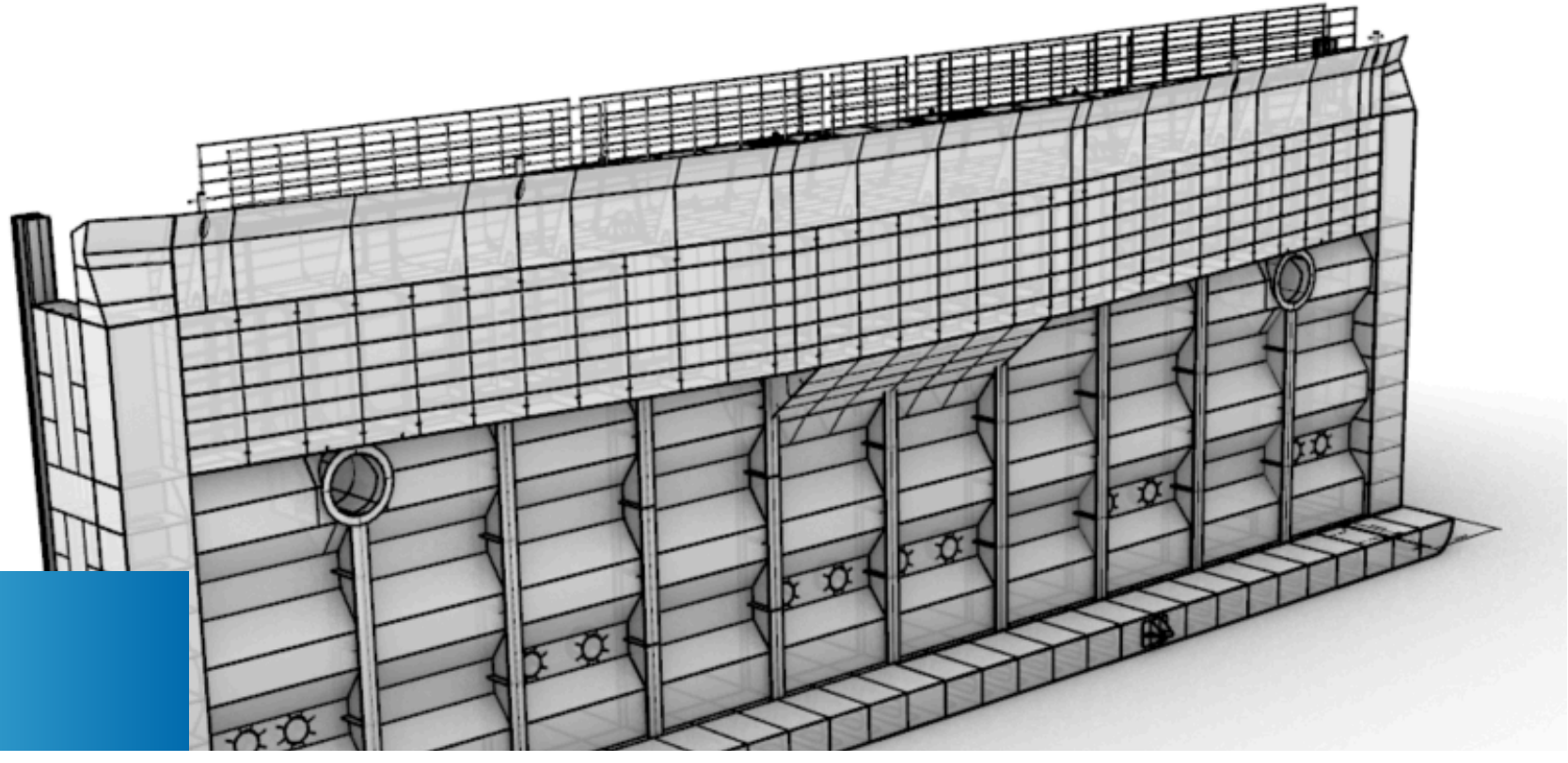


ENGINEERING THE FUTURE OF MARITIME INDUSTRY

ARCHIMEDE MARINE

ABOUT US

Archimede Marine is a leading company in the field of naval engineering, specializing in the design and engineering of yachts and maritime infrastructures.

With decades of experience, we have established ourselves as a key partner for all those customers seeking innovative and reliable solutions for their naval projects.

Our expertise lies in the research and development of innovative and sustainable technological solutions.

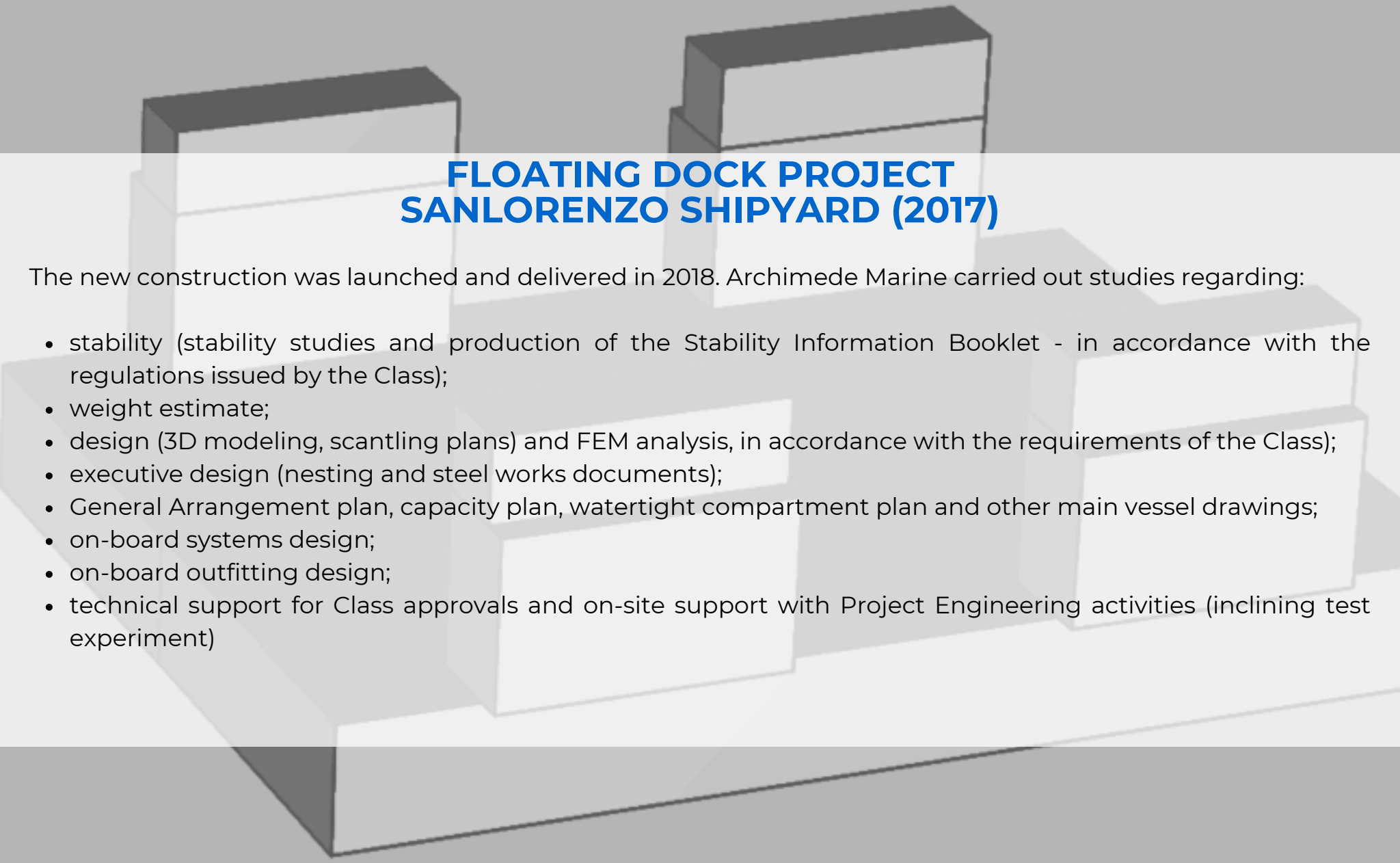
OUR SERVICES

Our know-how applies to any project, from basic design to executive engineering, from naval handling to consulting for maritime infrastructures.
We provide cutting-edge and customized solutions for the demands of a constantly changing sector, the naval one.
Archimede Marine always provides a tailored service, optimizing time and resources and providing guidance and support throughout the entire process.

MARITIME WORKS

In addition to being an interplay with Classification Societies and Port Authorities and providing on-site operational support, we produce documentation related to:

- Dock block plan
- Logistics and SPMT (Self-Propelled Modular Transporter) handling
- Stability calculations for hauling and launching
- Mooring plans
- Floating dock design
- Dock-gate design
- Documents related to towing and sea transport for yachts and barges
- Towing plans
- Cargo stowage plans on board barges
- Stability calculations for sea transport of yachts and barges



FLOATING DOCK PROJECT
SANLORENZO SHIPYARD (2017)

The new construction was launched and delivered in 2018. Archimede Marine carried out studies regarding:

- stability (stability studies and production of the Stability Information Booklet - in accordance with the regulations issued by the Class);
- weight estimate;
- design (3D modeling, scantling plans) and FEM analysis, in accordance with the requirements of the Class);
- executive design (nesting and steel works documents);
- General Arrangement plan, capacity plan, watertight compartment plan and other main vessel drawings;
- on-board systems design;
- on-board outfitting design;
- technical support for Class approvals and on-site support with Project Engineering activities (inclining test experiment)


SANLORENZO
SANLORENZO

FLOATING DOCK REFIT PROJECT
NCAREFIT SHIPYARD (2020)

The construction underwent a lengthening of the stern area and the insertion of new stability towers.
Archimede Marine handled:

- stability study and related update of the relevant documentation (in accordance with the regulations issued by the Class);
- recalculation of on-board volumes for GT;
- 3D modeling, FEM analysis and production of scantling plans for Class approval;
- weight estimate;
- update of the General plan, capacity plan, watertight compartment plan and other main drawings;
- update/modification of on-board systems design;
- outfitting design of the added area;
- on-site technical support with Project Engineering activities (inclining test experiment, coordination with Shipyard Production).

DOCK GATE PROJECT
NCAREFIT SHIPYARD (2021)

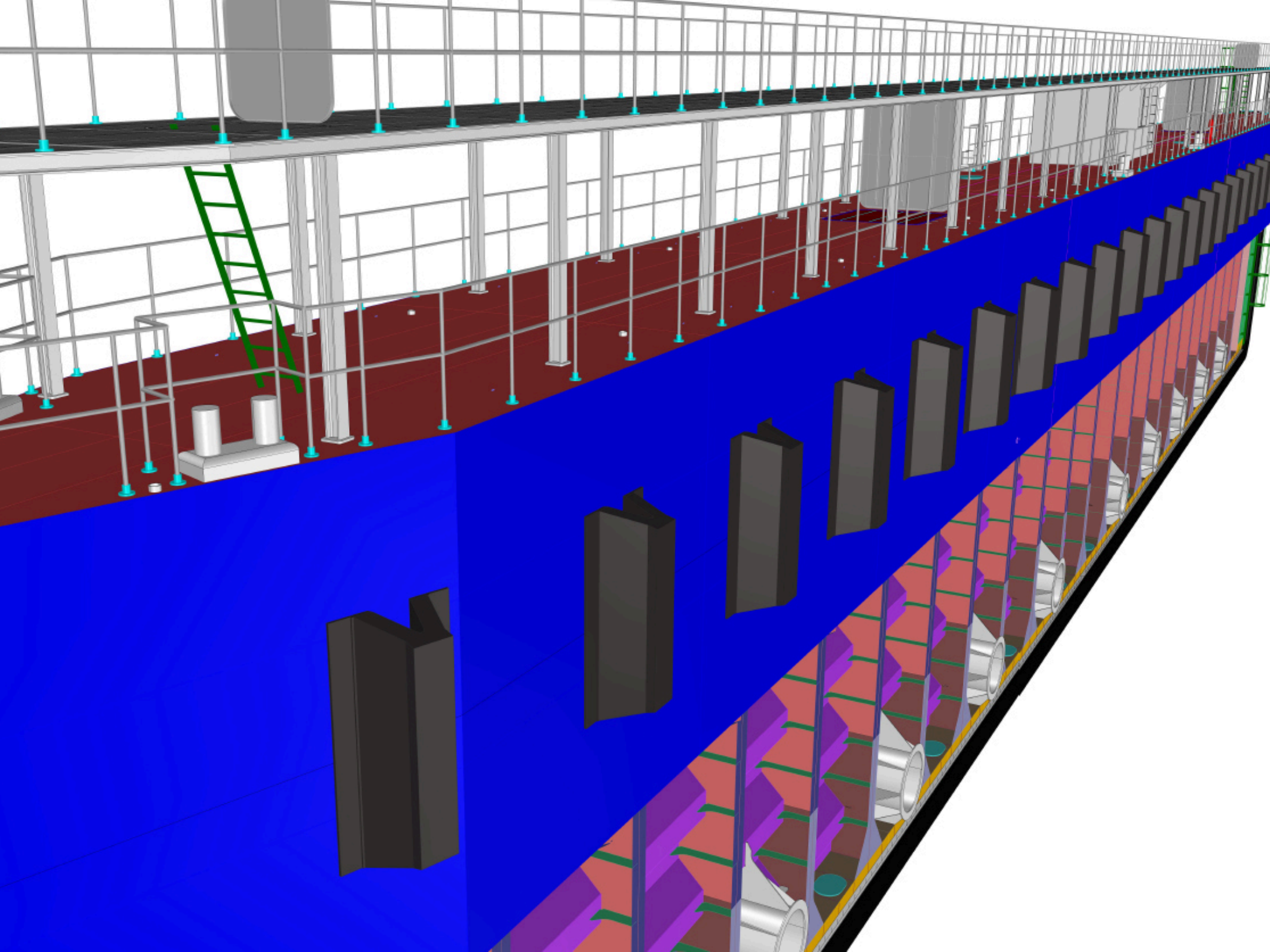
The new construction was launched and delivered in 2021.
Archimede Marine provided support regarding:

- stability (hull stability studies and production of the Stability Information Booklet);
- production of the capacity plan, watertight compartment plan, freeing ports plan and other main vessel drawings;
- weight exponent;
- tonnage volume computation;
- design (3D modeling) and FEM analysis (in accordance with the requirements of the Class);
- on-board systems design;
- on-board outfitting design;
- technical support for Class approvals and on-site support.

DOCK GATE PROJECT
PORT OF GENOA (WORK IN PROGRESS)

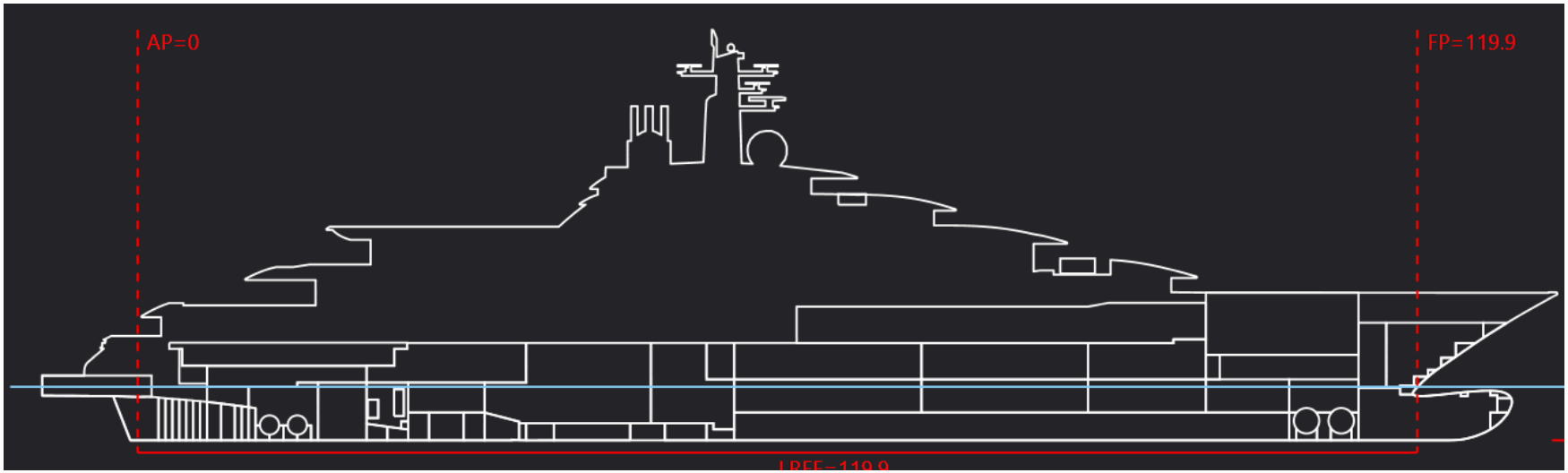
The construction is ongoing. Specifically, Archimede Marine has provided support regarding:

- concept design and external forms;
- stability (studies on the stability of the manufactured product and production of the Stability Information Booklet);
- production of the capacity plan, watertight compartment plan, freeing ports plan and other main vessel drawings;
- weight exponent;
- design (3D modeling), scantling calculations and and FEM analysis (in accordance with the requirements of the Class);
- on-board systems design;
- on-board outfitting design;
- technical support for Class approvals and on-site support.



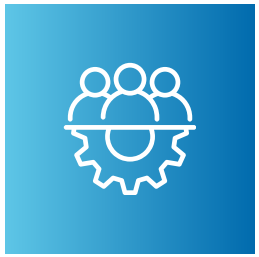
TECHNOLOGY AND INNOVATION

Our continuous update ensures we stay innovative and enables us to enhance efficiency and quality. We use the most advanced softwares including RHINOCEROS, CADMATIC, NAPA Stability, BRICSCAD, MAXSURF, FEMAP, etc. to offer our clients the best results by optimizing time and costs.



PERFORMANCE METRICS

+100 Projects Completed in 2 years: Delivering succesful projects



+30 Employees: Driving innovation and excellence

+5 Strategic partnerships in 2025: Expanding our clients base

+50 Ongoing Projects: Sustaining growth into the next year

CONTACTS

ARCHIMEDE MARINE
INNOVATIONS & SOLUTIONS
Via Starza, 47 – 84012 Angri (SA) - Italy
Via dei Pescatori, 56 - 55039 Viareggio (LU) - Italy

+39 081 314 3724 - WhatsApp +39 333 806 8633

info@archimedemarine.it

archimede-marine

archimede_marine

www.archimedemarine.it