

LUCAS CHICHIZOLA FEDERIK

Curriculum Vitæ



Born in Buenos Aires, Argentina in 1979.

Condition: Single.

Consultant Naval Architect and Marine Engineer.

Expert witness. Marine surveyor.

- LANGUAGES:** Spanish: mother language.
English: regular oral and written, full knowledge of technical vocabulary.
- EDUCATION:** Ingeniero Naval y Mecánico. Facultad de Ingeniería – Universidad de Buenos Aires, Argentina.
Six years program (this program covers the curricula of both Naval Architecture and Mechanical Engineering in northern countries).
Currently doing a Master's degree in Environmental Management at Universidad Nacional de San Martín.
- MEMBERSHIPS & PROFESSIONAL LICENSES:** Argentinean Naval Architecture and Marine Engineering Society (AAIN). Part of the Board of Directors.
University of Buenos Aires. Member of the Academic Advising Committee of the Naval Architecture and Marine Engineering Department.
- COURSES / TRAINING:** Electro-mechanical Technician.

PRESENT TIME ACTIVITIES.

From September 2009 to present date:

Naval architect and mechanical engineer in CONSULMAR SRL, most relevant works:

2020 – Design of a 6000 hp push boat powered by LNG engines for the HPP system.

Part of the design team developing this new vessel.

2019-2017 – M/V Galú conversion into passenger vessel.

The vessel was stripped off and prepared for a full conversion into luxury adventure cruise vessel for operation in the Galapagos islands.

Part of the design team and Director of Works on site.

2016 – River cruiser for the Upper Paraná river

Part of the design team developing this new vessel.

2015 – Design of push boats

Design of a series of push boats in different powers, optimized for operation in the Hidrovía Paraná Paraguay.



2011 - Sheer leg 300 tn SWL

Design of a floating "A" frame, with 2 x 150 t SWL hoisting hooks and 2 x 200 t SWL aux deck tackles.

2011 – Transferring Station

Floating transferring station for loading iron ore from river barges into ocean going vessels.

The station could handle vessels up to Panamax alongside.

2009 – Amadeo I – Conversion into Passenger Ferry

Conversion from Ferry (lorries only) to Passenger Ferry. (first vessel in the region which stability was calculated with the probabilistic method).

Main dimensions: L 132.5 m, B 19 m, D 6.75 m, 400 PAX y trailers.

OTHER PROJECTS.

Different barges, concept design.

General naval Architecture and Structural calculation, including the FEM models and different softwares.

TEACHING AND SCIENTIFIC BACKGROUND.

From 2018 to date.

Teaching assistant ad-honorem, course of Preliminary ship design, University of Buenos Aires.

PREVIOUS PROFESSIONAL BACKGROUND.

From July 2008 to September 2009.

Draughtsman in S.P.I Shipyard (Servicios Portuarios Integrados), some works:

Detailed engineering drawings for barges construction (Mineral Barge/Rake/Box.Thruster Rake Barge).

Participation in the project of reforming a single hull tanker into a double hull tanker.

Participation in the preliminary project of an ATB (Articulated TugBarge).

Participation in other naval projects.

From December 2006 to July 2008.

Draughtsman in CONSULMAR SRL, some works:

Beale Street Landing, Memphis, Tennessee, USA. International competition.

Coastal floating park and terminal for passenger vessels. Several novel design issues were developed for this iconic project. Detailed engineering drawings.

Buenos Aires, December 2020.