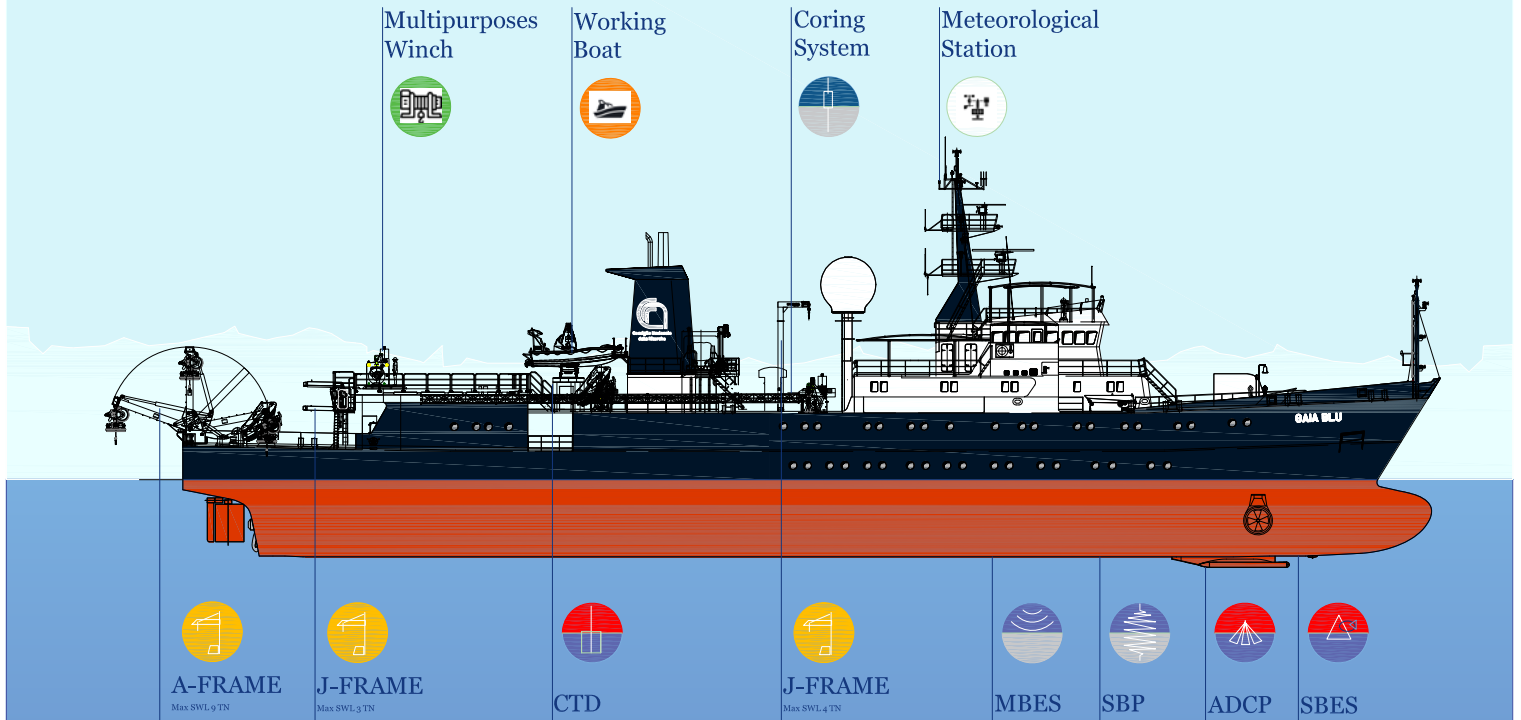


R/V Gaia Blu

Multi-purpose research vessel



Technical information



Name: GAIA BLU
Class: Research Vessel, AUTUMS, Ice class IB
Year Built: 1981



Length OA: 82.90 m
Beam: 13.00 m
Draft (design): 4.80 m
Gross Tonnage: 2024t



Endurance: 36 days



Engin Power: 2 x 2941 kW
Bow Thruster: 1 x 400 kW
Max speed: 17 kts
Cruise speed: 11 kts
Survey Sped: 8 kts

Accommodation

26

Scientific Personnel



18

Crew



23

Cabin

Wet Lab



Area of 34 m²
Fresh and Salt water available



Area of 26 m²
Workshop area



Area of 40 m²
Control room area

Scientific Instrumentation

- Multi-beam echo sounders: Kongsberg EM 2040, EM 712, EM 304
- Single beam echo sounder: Kongsberg EA 600
- Fishery research system: Simrad EK 60
- Omnidirectional fishery sonar: Simrad SH90 114 kHz
- Sub bottom profiling system: Knudsen CHIRP 3260, 12 kHz
- vmADCPs: Teledyne Ocean Surveyor 45 kHz
Teledyne Workhorse Mariner 300 kHz
- CTD-rosette system: SBE with 24 bottles and 2 L-ADCP 300 kHz
- Piston coring system: Carmacoring and barrel length up to 25 m
- Satellite connection: Two Intellian C-antennas

Infrastructure upgrade under the recovery plan

Underway fluorometer, pH and rCO₂ system, thermosalinometer, robotic radiometer system (ROSR) for skin SST and atmospheric brightness temperature continuous sampling radiometers, imaging flow cytobot (IFCB), IOPS continuous system sampling, lidar for marine profiles of ocean color parameters, universal deck unit for acoustic release, XBT probe launcher, light work class ROV.