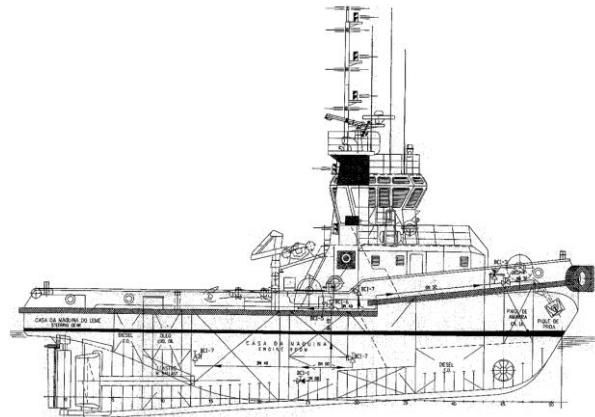


**TUG BOAT TECHNICAL DATA:**
**M/V "MONTENOVO"**

**SHIP MAIN DATA:**

- IMO Nr.: 9276119
- Building Shipyard: Astilleros Ria de Avilés – Spain
- Hull Nr.: C-87
- Construction Year: 2003

**CLASSIFICATION SOCIETY:**

- Bureau Veritas (BV)

**BV ID Nr.:**

- 03353 W

**CLASS:**

- BV✕Hull✕Mach, Tug - Unrestricted Navigation✕AUT-UMS

**INSURANCE COMPANY:**

- LUSITÂNIA-MAR

**P&I:**

- CARINA

**SHIP DIMENSIONS:**

- Length O.A.: 28,40 m
- Beam M'L'D: 8,60 m
- Depth M'L'D: 4,55 m
- Draught: 4,00 m

**DISPLACEMENT:**

- 451 T

**LIGHTSHIP:**

- 335 T

**MAX. FREE RUNNING SPEED:**

- 11 Knots

**BOLLARD PULL:**

- 45 MT

**GROSS TONNAGE:**

- 239

**NET TONNAGE:**

- 71

**ACCOMMODATIONS:**

- 6

**OWNER:**

REBONAVE – Reboques e Assistência Naval, S.A.

**CAPACITIES (APPROX.):**

- Gasoil: 97 m<sup>3</sup>
- Fresh Water: 21 m<sup>3</sup>
- Lubricant Oil: 2,8 m<sup>3</sup>

**MAIN ENGINES (2 UN):**

- MITSUBISHI, Type S16R-MPTK
- Power: 2 × 1.877 BHP @ 1.650 RPM

**AUXILIARY ENGINES:**

- 2 × Guascor-Valmet mod H66TSG of 150 BHP @ 1.500 RPM

**ALTERNATORS:**

- 2 x Leroy Sommer of 105 kVA, 380/220 V @ 50Hz

**PROPULSION SYSTEM (2 UN):**

- 2 x Shaftline w/ 4 fixed blades' propeller in fixed Kort nozzle
- Bow Thruster: Fluidmecânica 100 CV HMH 650B, driven by a diesel engine Guascor/Valmet, H74TASG, of 220 BHP @ 1500 RPM

**STEERING SYSTEM:**

- Electro-hydraulic with two articulated rudders

**FIRE FIGHTING SYSTEM:**

- AZCUE pump, type 200/50 FR, driven by portside main engine, capacity 800 m<sup>3</sup>/h.
- Two water/foam monitors, mounted on top of bridge, capacity 400 m<sup>3</sup>/h each.

**DECK EQUIPMENT:**

- Windlass/fwd winch 80 T, aft single drum towing winch 80 T, towing hook, capstan, deck crane and stern roller.
- Towing Wire: 700 m × 42 mm Ø

**RADIO AND NAVIGATION AIDS:**

- HF/MF, VHF(2), Radar (2), AIS, GPS, Auto Pilot, Navtex, Sounder
- Satellite Phone
- Inmarsat C Nº: 426361910
- e-mail
- Call Sign: CSDT

**PORT OF REGISTER:**

- SETÚBAL, PORTUGAL

**REGISTER Nr.:**

- S – 63 – RA