



Francisco Cardama, S.A.

SHIPYARD AND DRY DOCK

SHIPBUILDING
SHIP REPAIRING
NAVAL CARPENTRY
MECHANICAL
BOILER WORKING
PIPING

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ISO 9001

BUREAU VERITAS
Certification



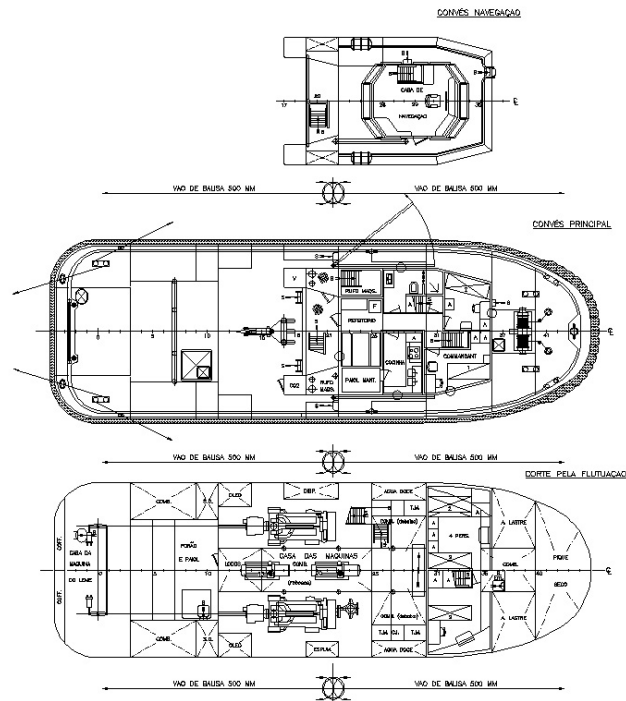
ISO 14001

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Name of the vessel:	EPI SUCESSO
Shipowner:	Epinosul - Luanda
Type of vessel:	Tug Boat
Building:	C - 223
Delivery:	30th April 2010

MAIN CHARACTERISTICS

Length overall:	24,50 mtrs.
Length between perpendiculars:	21,50 mtrs.
Moulded beam:	8,00 mtrs.
Depth to main deck:	4,00 mtrs.
Moulded draft:	3,40 mtrs.

CAPACITIES

Fuel tanks:	90 m ³
Fresh water tanks:	35 m ³
Water ballast tanks:	15 m ³
Oil tanks:	5 m ³
Dispersant tank:	5 m ³
Foam tanks:	3 m ³

GROSS TONNAGE, POWER AND SPEED. ENDURANCE.

Gross Tonnage (GT):	184
Maximum continuous rating (M.C.R.) of main engines CATERPILLAR 3512 DITA:	2x1260=2520 CV
Auxiliary engines CATERPILLAR C4.4:	2x69kW
Trial Speed:	11,5 knots
Bollard pull with towing hook:	35 ton

2 fixed pitch propellers in nozzle

OTHER

This vessel has been designed for:

- ➔ Provisions endurance: 20 days (approx.)
- ➔ Crew: 9 people
- ➔ Towing manoeuvrings at harbour.
- ➔ External fire fighting system with one pump with 300 m³/h at 13 bar.
- ➔ Delivery of freshwater at vessels at harbour.
- ➔ Dispersant equipment.