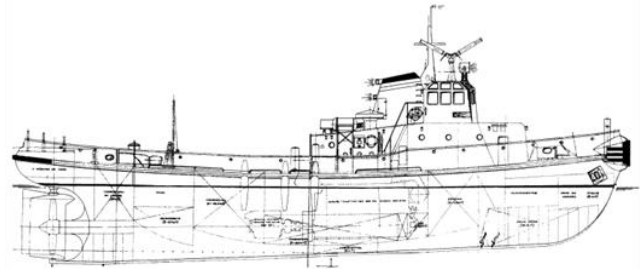


TUG BOAT TECHNICAL DATA:

N/M "MITRENA"



SHIP MAIN DATA:

- IMO Nr.: 7385083
- Building Shipyard: E.N. S. Jacinto, Portugal
- Construction Year: 1974

CLASSIFICATION SOCIETY:

- Bureau Veritas (BV)

BV ID: 08032H

CLASSIFICATION:

- I ~~HULL~~ ~~MACH~~, TUG Coastal area

INSURANCE COMPANY:

- LUSITÂNIA-MAR

SHIP DATA:

- Length O.A.: 30,90 M
- Beam M'L'D: 8,50 M
- Depth M'L'D: 4,45 M
- Draught: 3,95 M

DISPLACEMENT:

- 433 T

LIGHTSHIP:

- 306 T

MAX. FREE RUNNING SPEED:

- 12 Knots

BOLLARD PULL:

- 35 TM

GROSS TONNAGE:

- 258

NET TOWAGE:

- 61

ACOMODAÇÕES:

- 8

CAPACITIES (APPROX.):

- Gasoil: 70 M3
- Fresh Water: 15 M3

MAIN ENGINE:

MWM, tipo TBD 500 – 8E
Power: 2.200 BHP @ 500 RPM

AUXILIARY ENGINES

2*MWM tipo D601.6 – 215 BHP@1.500 RPM
1*MWM tipo D226.4 – 45 BHP@1.500 RPM

PROPULSION SYSTEM:

4 fixed blades propeller, in steering Kprt nozzle

GEARBOX:

REINTJES WGV 60 (reduction ration: 2,5:1)

FIRE FIGHTING SYSTEM:

LOEWE pump, type GHS 125/414, driven by PS Aux.
Engine, capacity 400 M3/H.
Two water/foam monitors, capacity 200 M3/H each.

DECK EQUIPMENT:

Capstan, Towing Hook, Windlass
Main towing wire: 220 M x 80 Ø

RADIO AND NAVIGATION AIDS:

VHF (2), Radar, GPS and Echosounder
Call sign: CSQO

PORT OF REGISTER:

SETÚBAL, PORTUGAL

OWNER:

REBONAVE – Reboques e Assistência Naval, S.A.