



Main data

Tug type	ASD
Gross tonnage	381 GT
Length overall	31.48 m
Beam overall	11.14 m
Air draft	17 m
Max. Draught	5.55 m
Main engines	2 x Caterpillar 3516B-HD
Total power	4000 kW
Propulsion propeller	2 x control pitch ASD
Bollard pull Astern	69 t
Bollard pull Ahead	71 t
FiFi systems	FiFi 1 Class 2 x 1200m ³ /hr monitors

Deck equipment

Fore winch	Hydraulic Max. brake force = 150 T Max winch pull = 50 T
Aft winch	Maximum brake force = 150 T Maximum Winch pull = 50 T
Tugger winch	10 T pull
Other	Towing Pins & Electric Capstan (3T)

Accommodation

6 berths and 5 cabins

Construction and classification

Year of construction	2010
Classification	Lloyd's Register +100 A1 Fifi ship 1 (2400m ³ /h) with water spray. LMS. UMS
IMO number	9547867
Flag	Portugal

Navigation

Gyro Compass	Yes
GPS	Yes
Radar	2 x ARPA
Echo Sounder	Yes
Auto Pilot	Yes

Communication

GMDSS Area	A1
Radio Communication	GMDSS Radio Station
VHF	Yes

Tank capacities

Fuel oil	244.9 m ³
Potable water	19.5 m ³
Foam	25.74 T

Others

Deck crane	Hydraulic crane (10 T @ 3m)
MOB Boat	Davit – Matesaver