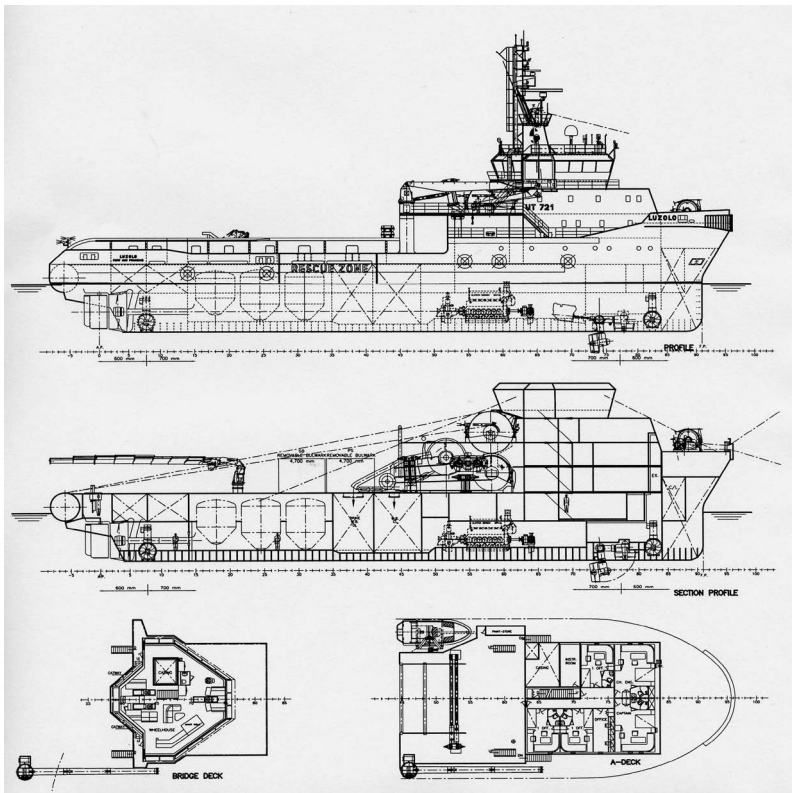


'ULYSSE'



AHTS - 70 m - 170 t



Anchor handling tug supply designed for deep water operations

- 170 tons bollard pull
- 1120 tons deck load

'ULYSSE'

AHTS - 70 m - 170 t

MAIN CHARACTERISTICS

Length overall	69.70 m
Length between perpendiculars	61.50 m
Breadth moulded	17.20 m
Depth on main deck	7.20 m
Fuel oil	881 m ³
Fresh water	401 m ³
Accommodation	33
Speed	16 kn
Tonnage	2293 UMS
Bollard pull	170 t
Deck load	1120 t
Working deck area	500 m ²
Hull / Superstructure	steel

DECK EQUIPMENT

Cranes

Fore crane	45 kN @ 20 m / 90 kN @ 10 m
Aft crane	4.2 kN @ 17 m / 9.7 kN @ 10 m

Towing winches

Main winch	Ø 400 mm / Ø 900 mm 18 t bollard pull from 0 to 19 m/mn
Auxiliary winch	Ø 1500 mm / Ø 900 mm 134 t bollard pull from 0 to 22 m/mn 56 t bollard pull from 0 to 53 m/mn
Dynamic braking	170 t @ 44 m/mn max
Spooling device for auxiliary winch	

Towing winch and anchor handling

Winch	Ø 1400 mm / Ø 3800 mm max. 400 t bollard pull from 0 to 9 m/mn
Braking	500 t on 1 st layer
2 spooling devices for upper and lower drums	
2 chains spooling devices	70 mm x 165 mm
Davit	max. 3600 kg
Winch capacity	29 m - Ø 18 mm

Cargo pumps system

Seawater ballast /drill water pump	150 m ³ /h - 9 bar - 1750 rpm
Cargo fresh water pump	200 m ³ /h - 9 bar - 1750 rpm
Mud pumps	2 x 75 m ³ /h - 18 bar - 376 rpm
Cargo fuel oil pumps	2 x 20 m ³ /h - 3 bar
Bilge pump	63 m ³ /h - 6 bar
Cooling pump	64 m ³ /h - 2 bar - 1750 rpm
Cement air compressor	32 m ³ /h - 0.5 bar - 875 rpm

CLASSIFICATION

Bureau Veritas
I ✕ HULL ✕ MACH
Unrestricted navigation
Supply vessel
Tug
Fire-fighting ship 1
Water spraying
Standby rescue vessel
✕ DYNAPOS AM/AT R ✕ AUT-UMS ✕ SDS

PROPULSION / MACHINERY

Propulsion

Diesel engines	4 x 2650 kW - 750 rpm
Propellers	2 CPP under nozzle - Ø 3 800 mm
360° thruster	1 x 883 kW - 1800 rpm
Side thrusters	2 x 590 kW - 1200 rpm

Machinery

Gensets	2 x 260 kWe - 1800 rpm
Emergency genset	1 x 170 kWe - 1800 rpm
Gearbox driven generators	2 x 1776 kWe - 1800 rpm

SPECIAL EQUIPMENT

Fi-Fi 2 system

Fi-Fi pumps	2 x 2025 rpm - flow 1500 m ³ /h
Water/foam monitors	2 x 1200 m ³ /h
Gearboxes	2 x 750 kW
Waterspray system	1

MISCELLANEOUS EQUIPMENT

FO separator	flow: 4400 l/h
Oily water separator	pump: 2500 l/h
Air compressors for bulk handling	2 x 1806 m ³ /h - 5.6 bar

Volumes

Ballast / drill water	1476 m ³
Liquid mud	399 m ³
Brine	856 m ³
Chain locker	398 m ³
Cement	284 m ³
Deck fore load side	5 t/m ³
Deck aft load side	10 t/m ³