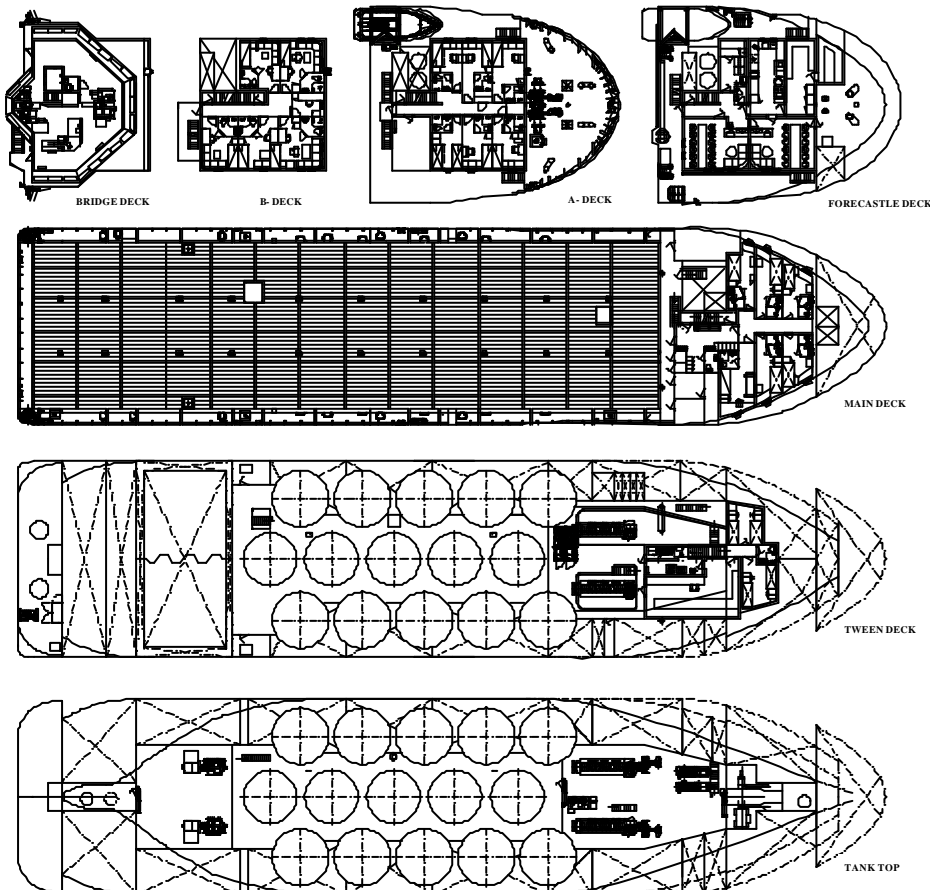




Multipurpose DP 1 platform supply vessel
for deep water operations
With methanol transport capacity
N'ZINGA
3,253 Metric ton deadweight



This ULSTEIN Design vessel type UT 755 L has a dynamic positioning « class I » & Fi-Fi 1 capabilities.

Besides normal supply service between shore base and offshore installations, the vessel is also designed to transport methanol, and for ROV operations.

07-09-2006



Multipurpose DP 1, Fi-Fi 1 platform supply vessel for deep water operations with methanol transport capacity

N'ZINGA

5,460 bhp

MAIN CHARACTERISTICS

Length overall:72.00 m.
Length between pp:66.80 m.
Breadth moulded?:16.00 m.
Depth main deck midship?:7.00 m.
Max. draft midship:5.90 m.
Design draft:5.00 m.

REGISTRATION

Type:Multipurpose DP1 supply vessel ULSTEIN design UT 755 L.
Owner:SONASURF.
Year built:2002.
Builder:ØRSKOV Shipyard (DENMARK).
Flag:Saint Vincent and the Grenadines.
Classification: ...BUREAU VERITAS. +HULL +MACH-Supply vessel-Special service/
Fire-fighting 1-Oil product-Unrestricted navigation-+AUT-UMS-+DYNAPOS.

PERFORMANCE

Consumption:

20 m3/day at 14 knots (maxi speed).
16 m3/day at 12 knots (cruising speed).
9 m3/day at 10 knots (economic speed).

ACCOMMODATION

- Fully air-conditioned.
- 10 x single cabins,
- 3 x 4 men cabins,
- 5 x 2 men cabins,
- 1 hospital,
- 2 mess rooms.

PROPULSION - MACHINERY

MACHINERY

- **Main diesel engines:** 2x 2730 Hp at 825 rpm, 2 PTO.
- **Reduction:** 2 gear boxes, 825/215 rpm, 2 PTO.
- **Auxiliary generators:** 2x 250 kW at 1800 rpm MDO 450 V, 60 Hz.
- **Emergency generator:** 1x 62 kW at 1800 rpm MDO 450 V, 60 Hz.
- **Shaft generators:** 2x 1800 kVA at 1800 rpm.

THRUSTERS

- **Main propellers:** 2x with CPP
- **Tunnel thruster forward:** 1x 590 kW electric driven (800 HP).
- **Tunnel thruster stern:** 1x 590 kW electric driven (800 HP).
- **Azimuth thruster forward:** 1x 590 kW electric driven (800 HP).
- **Rudders:** 2 independent rudders with flap.

DECK EQUIPMENT

- **Tugger winches:** 2x 10 t.
- **Capstans:** 2x 8 t.
- **Deck crane:** 1x 3 t. at 16 m / hydraulic.
- **Life boat:** 1x MOB boat with davit.
- **Fire fighting system, Fi-Fi I:**
 - 2 pumps 1,600 m3/h each,
 - 2 monitors 1,200 m3/h each.
- **Windlass:** 1.

CAPACITIES & PUMPS

Deadweight approx:3,253 t
Cargo deck area (5t/m2) :688 m2, (51.00 x 13.50 m), deck cargo 1,663 t.
Fuel oil:1,200 m3Pump 1x 200 m3/h at 9 bars.
Water Ballast/ Drill water:1,250 m3Pump 1x 150 m3/h at 9 bars.
Fresh water:790 m3Pump 1x 200 m3/h at 9 bars.
Liquid mud (dens.2.5):1000 m3Pumps 2x 100 m3/h at 18 bars.
Brine:1000 m3Pump 1x 75 m3/h at 18 bars.
Base oil:200 m3Pump 1x 90 m3/h at 9 bars.
Bulk (5 silos):318 m3, Compressors 2x 22.7 m3/min at 5.6 bars.
Foam:28 m3.
Dispersant:14 m3.
Methanol:200 m3Pumps- 2x 75 m3/h at 9 bars.

ELECTRONICS

- 1 joystick system for DP1 system,
- 2 radars,
- 1 gyrocompass with repeaters,
- 1 echo sounder,
- 1 speed log,
- 1 autopilot with forward thrusters control,
- 1 GPS,
- 1 radio system compliant with GMDSS A3 rules,
- 1 Inmarsat B providing phone, fax, E-mail and DGPS corrections,
- 1 weather fax.

DYNAMIC POSITIONING SYSTEM

- 1 DP system compliant with IMO and DNV rules for class 1 comprising:
 - 1 computer, printer,
 - 1 operator panel,
 - 2 wind sensors,
 - 1 additional gyrocompass,
 - 1 motion reference sensor,
 - 1 UPS,
 - 1 DGPS,
 - 1 FANBEAM,
 - 1 moon-pool d=500 mm for later installation of a HiPaP.

CONTROL & SAFETY

- Main levers control: propellers, thrusters, rudders on fore and aft consoles in wheelhouse.
- Vessel control system UMAS V with management of:
 - bulk handling system,
 - generator sets and circuit breakers,
 - safety and alarm system.
- Tanktender system: control and monitoring of valves and pumps.
- Datasound: measurement of tank level.

(All particulars believed to be correct but not guaranteed).

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