



LUIANA

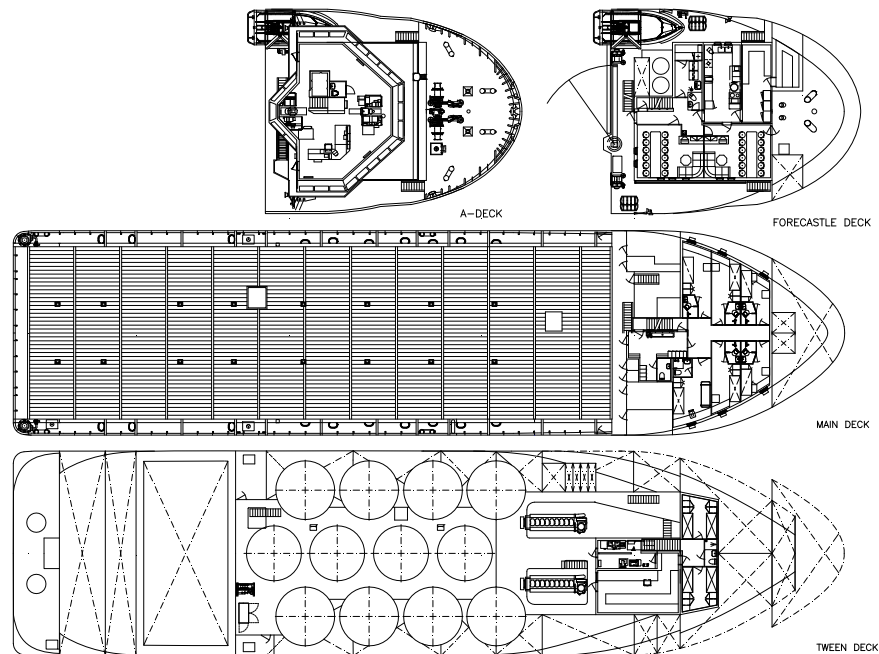
Multipurpose DP 1, Fi-Fi 1 platform supply vessel
for deep water operations
With methanol transport capacity
3,000 Metric ton deadweight



The LUIANA is an UT 755 design, DPI, FIFI 1, platform supply vessel.

The vessel is designed for world-wide, deep water operations to fulfill the following duties:

- Transportation of liquid products, deck cargo and other equipment for drilling and production support.
- Methanol transportation.
- ROV operations.



PLATFORM SUPPLY VESSEL

REGISTRATION

Vessel Name: **LUIANA**
 Type: **DP1 PSV, ULSTEIN Design UT 755 L.**
 Year: **2001**
 Owner: **SONASURF Limited**

Builder: **ØRSKOV Shipyard (Denmark).**
 Class: **DET NORSKE VERITAS.**
+1A1-SF-EO-DYNPOS AUT-Fi-Fi 1-LFL.
 Flag: **Saint Vincent and the Grenadines.**

Updated: 30-06-2009



MAIN PARTICULARS

DIMENSIONS

Length overall:	67.00 m
Breadth moulded:	16.00 m
Depth:	7.00 m
Draft:	5.90 m
Deadweight:	3,000 mt
Gross tonnage:	2,001
Net tonnage:	600

CAPACITIES

Deck area:	(46.00 x 13.50 m) 621 m2
Deck cargo:	1,663 t
Fuel oil:	1,050m3
Drill water:	1,050 m3
Fresh water:	790 m3
Liquid mud:	800 m3
Brine:	800 m3
Base oil:	200 m3
Dry Bulk/Cement:	318 m3
Foam:	24 m3
Dispersant:	10 m3
Methanol:	200 m3

DELIVERY RATES

Fuel oil:	200 m3/h at 9 bars
Drill water:	150 m3/h at 9 bars
Fresh water:	200 m3/h at 9 bars
Liquid mud:	2 x 75 m3/h at 18 bars
Brine:	75 m3/h at 18 bars
Base oil:	150 m3/h at 9 bars
Dry Bulk/Cement:	2 x 22.7 m3/min at 5.6 bars
Methanol:	2 x 75 m3/h at 9 bars

ACCOMMODATIONS

Accommodations for:	32 pers
Single cabins:	10
2 man cabins:	5
4 man cabins:	3
Hospital:	1
Mess / day rooms, laundry, provision room, stores galley.	

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:	2 x 2,730 Hp
Azimuth thruster forward:	515 kW
Bow thrusters:	2 x 590 kW Tunnel
Stern thruster:	1 x 590 kW Tunnel
Rudders:	2 independent rudders with flap
Shaft generators:	2 x 1,800 kVA
Auxilliary generators:	2 x 250 kW
Emergency generator:	62 kW

SPEED

Maximum speed (100%):	20 m3/day at 14 knots
Service speed (80%):	16 m3/day at 12 knots
Economic speed (50%):	9 m3/day at 10 knots

EQUIPMENT & ELECTRONICS

DYNAMIC POSITIONING SYSTEM

Type:	Class DP1
- Sensors and monitoring as per class 1 requires.	
- 1 moon-pool for later installation of a HiPaP.	

DECK EQUIPMENT

Tuggers:	2 x 10 t
Capstans:	2 x 8 t
Deck provisions crane:	3 t at 16 m
Windlass:	1

SAFETY EQUIPMENT

Fire Fighting 1:	2 pumps 1,600 m3/3h, 2 monitors 1,200 m3/3h
Life saving arrangement.	
Tank tender system: control and monitoring of valves and pumps	

ELECTRONICS

- NAVIGATION

2 radars
2 gyrocompasses
1 magnetic compass
1 digital echo-sounder
1 speed log
1 autopilot system
1 GPS & 1 DGPS.

- COMMUNICATION

1 radio system compliant with GMDSS A3
1 Inmarsat B
1 weather fax

All particulars believed to be correct but not guaranteed