



# LUIANA

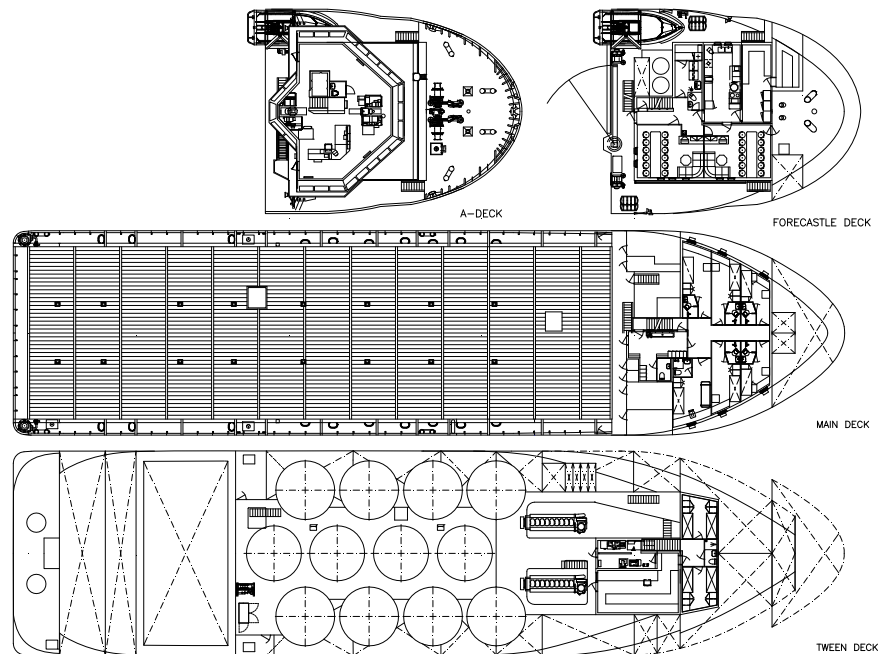
Multipurpose DP 1, Fi-Fi 1 platform supply vessel  
for deep water operations  
With methanol transport capacity  
3,000 Metric ton deadweight



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 m <sup>2</sup>
Deck cargo:	1,663 t
Fuel oil:	1,050 m <sup>3</sup>
Drill water:	1,050 m <sup>3</sup>
Fresh water:	790 m <sup>3</sup>
Liquid mud:	800 m <sup>3</sup>
Brine:	800 m <sup>3</sup>
Base oil:	200 m <sup>3</sup>
Dry Bulk/Cement:	318 m <sup>3</sup>
Foam:	24 m <sup>3</sup>
Dispersant:	10 m <sup>3</sup>
Methanol:	200 m <sup>3</sup>

#### DELIVERY RATES

Fuel oil:	200 m <sup>3</sup> /h at 9 bars
Drill water:	150 m <sup>3</sup> /h at 9 bars
Fresh water:	200 m <sup>3</sup> /h at 9 bars
Liquid mud:	2 x 75 m <sup>3</sup> /h at 18 bars
Brine:	75 m <sup>3</sup> /h at 18 bars
Base oil:	150 m <sup>3</sup> /h at 9 bars
Dry Bulk/Cement:	2 x 22.7 m <sup>3</sup> /min at 5.6 bars
Methanol:	2 x 75 m <sup>3</sup> /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
Auxiliary generators:	2 x 250 kW
Emergency generator:	62 kW

#### SPEED

Maximum speed (100%):	20 m <sup>3</sup> /day at 14 knots
Service speed (80%):	16 m <sup>3</sup> /day at 12 knots
Economic speed (50%):	9 m <sup>3</sup> /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 m <sup>3</sup> /3h, 2 monitors 1,200 m <sup>3</sup> /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*