



# N'DUVA

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

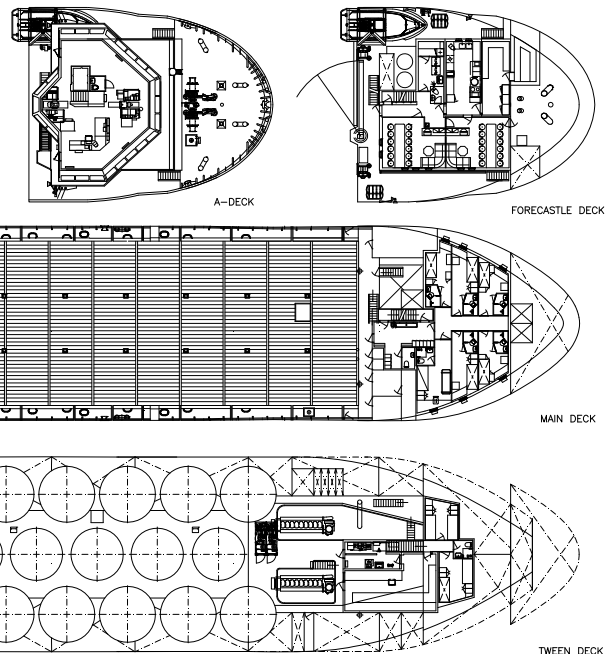


The N'DUVA is an UT 755L design, DPI, FIFI 1, platform support vessel.

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: **N'DUVA**

Type: **DP1 PSV, ULSTEIN Design UT 755 L.**

Year: **2002**

Owner: **SONASURF Limited**

Builder: **ØRSKOV Shipyard (Denmark).**

Class: **DET NORSKE VERITAS.**

**+1A1-SF-EO-DYNPOS AUT-Fi-Fi 1-LFL.**

Flag: **French**

Updated: 30-06-2009



### MAIN PARTICULARS

#### DIMENSIONS

|                  |         |
|------------------|---------|
| Length overall:  | 72.00 m |
| Breadth moulded: | 16.00 m |
| Depth:           | 7.00 m  |
| Draft:           | 5.90 m  |
| Deadweight:      | 3,253 t |
| Gross tonnage:   | 2,161   |
| Net tonnage:     | 648     |

#### CAPACITIES

|                  |                                       |
|------------------|---------------------------------------|
| Deck area:       | (51.00 x 13.50 m ) 688 m <sup>2</sup> |
| Deck cargo:      | 1,663 t                               |
| Fuel oil:        | 1,200m <sup>3</sup>                   |
| Drill water:     | 1,250 m <sup>3</sup>                  |
| Fresh water:     | 790 m <sup>3</sup>                    |
| Liquid mud:      | 1,000 m <sup>3</sup>                  |
| Brine:           | 1,000 m <sup>3</sup>                  |
| Base oil:        | 200 m <sup>3</sup>                    |
| Dry Bulk/Cement: | 318 m <sup>3</sup>                    |
| Foam:            | 28 m <sup>3</sup>                     |
| Dispersant:      | 14 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 100 m <sup>3</sup> /h at 18 bars     |
| Brine:           | 75 m <sup>3</sup> /h at 18 bars          |
| Base oil:        | 90 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:                                      | 26 pers |
| Single cabins:   | 10      |
| 2 man cabins:  | 5       |
| 4 man cabins:  | 3       |
| Hospital:  | 1       |
| Mess / day room, laundry, provision room, stores galley. |         |

### MACHINERY / PERFORMANCE

#### PROPULSION - MACHINERY

|                        |                                 |
|------------------------|---------------------------------|
| Main engines:          | 2 x 2730 hp                     |
| Propellers:            | 2 with CCP                      |
| Bow thrusters:         | 2 x 590 kW Tunnel               |
| Stern thruster:        | 1 x 590 kW Tunnel               |
| Rudders:               | 2 independent rudders with flap |
| Shaft generators:      | 2 x 1800 kVA                    |
| Auxilliary 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 I requires. |           |
| - 1 moon-pool for later installation of a HiPaP.  |           |
| - 1 FANBEAM.                                      |           |

#### DECK EQUIPMENT

|                        |             |
|------------------------|-------------|
| Tuggers:               | 2 x 10 t    |
| Capstans:              | 2 x 8 t     |
| Deck provisions crane: | 3 t at 16 m |

#### SAFETY EQUIPMENT

|  |                                     |
|--|-------------------------------------|
| Fire Fighting 1:   | 2 pumps 1,600 m <sup>3</sup> /h.    |
|  | 2 monitors 1,200 m <sup>3</sup> /h. |
| 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*