



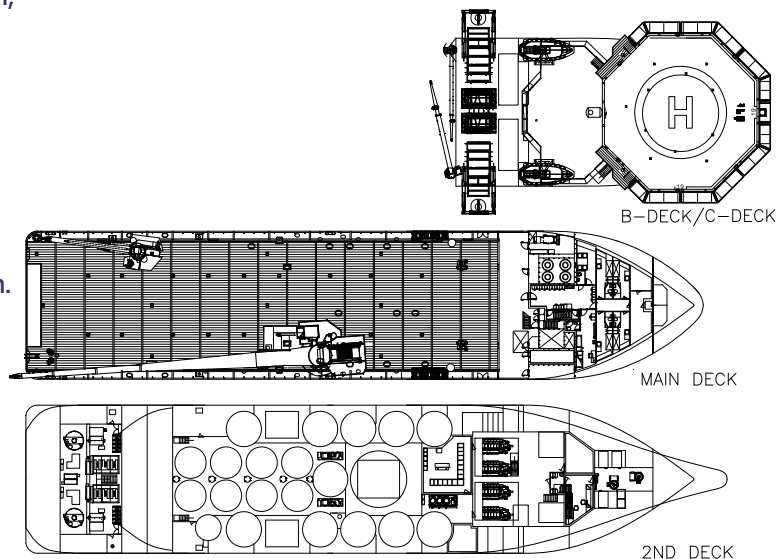
# BOURBON EMERALD - MPSV

DP2 Maintenance Supply Vessel  
for deep water operations  
4,200 t deadweight



**BOURBON EMERALD** is a UT 745E design, diesel electric, DP2, multipurpose subsea services and platform supply vessel. The vessel is designed for world-wide, deep water operations to fulfill the following duties.

- Subsea Intervention services.
- ROV operations.
- Deepwater precision lifting and installation.
- Transportation of liquid products, deck cargo and other equipment for drilling and production support.
- Arranged for oil recover operations.
- Guidewire based module replacement operations via optional moon pool.



MULTI PURPOSE SUPPLY VESSEL

## REGISTRATION

Vessel Name: **BOURBON EMERALD**

Type: **DP2 MPSV, Rolls Royce Marine Design UT 745E**

Year: **2004**

Owner: **Bourbon Offshore Norway**

Builder: **LANGSTEN (Norway)**

Class: **DNV+1A1, SF, EO, DK+, HL(2,8), DYNPOS, AUTR, Fi-Fi I, LFL, Clean, Comf. V (3)**

Flag: **French (RIF)**

Updated: 03-03-2009



# TECHNICAL SPECIFICATIONS

## MPSV - BOURBON EMERALD



### MAIN PARTICULARS

#### DIMENSIONS

|                        |         |
|------------------------|---------|
| Length overall: .....  | 90.70m  |
| Breadth moulded: ..... | 18,80m  |
| Depth: .....           | 7,60m   |
| Draft: .....           | 5.80 m  |
| Deadweight: .....      | 4,200 t |
| Gross tonnage: .....   | 3,756 t |
| Net tonnage: .....     | 1,430 t |

#### CAPACITIES

|                         |                      |
|-------------------------|----------------------|
| Deck area: .....        | 950 m <sup>2</sup>   |
| Deck cargo: .....       | 2,800 t              |
| Fuel oil: .....         | 1,290 m <sup>3</sup> |
| Drill water: .....      | 2,680 m <sup>3</sup> |
| Fresh water: .....      | 745 m <sup>3</sup>   |
| Liquid mud/Brine: ..... | 600 m <sup>3</sup>   |
| Dry Bulk/Cement: .....  | 400 m <sup>3</sup>   |
| Base oil: .....         | 296 m <sup>3</sup>   |
| Brine: .....            | 750 m <sup>3</sup>   |
| Methanol: .....         | 160 m <sup>3</sup>   |
| Slop: .....             | 407 m <sup>3</sup>   |

#### DELIVERY RATES

|                         |                                      |
|-------------------------|--------------------------------------|
| Fuel oil: .....         | 2 x 250 m <sup>3</sup> /h at 9 bars  |
| Drill water: .....      | 2 x 250 m <sup>3</sup> /h at 9 bars  |
| Fresh water: .....      | 2 x 250 m <sup>3</sup> /h at 9 bars  |
| Liquid mud/Brine: ..... | 2 x 100 m <sup>3</sup> /h at 24 bars |
| Dry Bulk/Cement: .....  | 80 t/h                               |
| Base oil: .....         | 2 x 250 m <sup>3</sup> /h at 9 bars  |
| Brine: .....            | 2 x 100 m <sup>3</sup> /h at 24 bars |
| Methanol: .....         | 2 x 100 m <sup>3</sup> /h at 9 bars  |
| Slop: .....             | 150 m <sup>3</sup> /h at 9 bars      |

#### ACCOMMODATIONS

|   |         |
|---|---------|
| Accommodations for: .....                               | 50 pers |
| Single cabins: .....                                    | 14      |
| 2 man cabins: .....                                     | 18      |
| Hospital: .....   | 1       |
| Mess / day rooms, laundry, galley, stores, change room. |         |
| Fully air conditioned.                                  |         |

### MACHINERY / PERFORMANCE

#### PROPULSION - MACHINERY

|                            |               |
|----------------------------|---------------|
| Main engines: .....        | 4 x 1,740 kW  |
| Bow thrusters: .....       | 2 x 883 kW    |
| Main generators set: ..... | 4 x 2,070 kVA |
| Emergency generator: ..... | 370 kW        |

#### SPEED / CONSUMPTION

|                            |                                      |
|----------------------------|--------------------------------------|
| Service speed (80%): ..... | 15 m <sup>3</sup> /day @13,50 knots. |
| Stand-by at port: .....    | 1,0 m <sup>3</sup>                   |

### EQUIPMENT & ELECTRONICS

#### DECK EQUIPMENT

|                              |                                    |
|------------------------------|------------------------------------|
| Helideck: .....              | Super Puma (max: 9,300 kg).        |
| Tuggers: .....               | 2 x 12 t.                          |
| Capstans: .....              | 2 x 10 t.                          |
| Deck cranes: .....           | 1 x 3 t @ 12 m.                    |
| .....                        | 1 x 90 t (Offshore type).          |
| .....                        | 1 x 12 t @ 10 m (Telescopic type). |
| Smith brackets: .....        | 2 x 150 t.                         |
| Stern roller: .....          | 2 x 10 t.                          |
| ROV arrangements: .....      | Mezzanine deck.                    |
| Oil pollution service: ..... | Dispersant system.                 |

#### SAFETY EQUIPMENT

|                            |  |
|----------------------------|--|
| Fire Fighting (Fifi 1)     |  |
| - Pumps : .....            | 2 pumps 1,600 m <sup>3</sup> /h each.    |
| - Monitors : .....         | 2 monitors 1,200 m <sup>3</sup> /h each. |
| 1 MOB with davit.          |  |
| 58 survival suits.         |  |
| Life saving arrangement.   |  |
| Stand by rescue equipment. |  |

#### ELECTRONICS

##### NAVIGATION

|   |
|---|
| 1 radars S-band, 1 radar X-band Arpa / AIS / Interswitch. |
| 3 gyrocompasses Anschutz std 22.                          |
| 1 autopilot Anschutz std 22.                              |
| 1 echo-sounder Furuno 700.                                |
| 1 speed log Furuno DS 80 Doppler log.                     |
| 1 VDR Furuno voyage data recorder VR 5010.                |
| 1 GPS Furuno GP 90.                                       |

##### COMMUNICATION

|  |
|--|
| 3 VHF, 4 UHF (portable) Motorola GP 900. |
| 1 GMDSS sea area A3.                     |
| 3 mobile telephones.                     |
| 2 INMARSAT C / 1 F77.                    |
| Intercom system Ulstein com.             |

#### DYNAMIC POSITIONING SYSTEM

|   |          |
|---|----------|
| Type: .....   | Class 2. |
| - Sensors and monitoring as per class 2 requirements. |          |
| - Kongsberg system.                                   |          |

*All particulars believed to be correct but not guaranteed*

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