



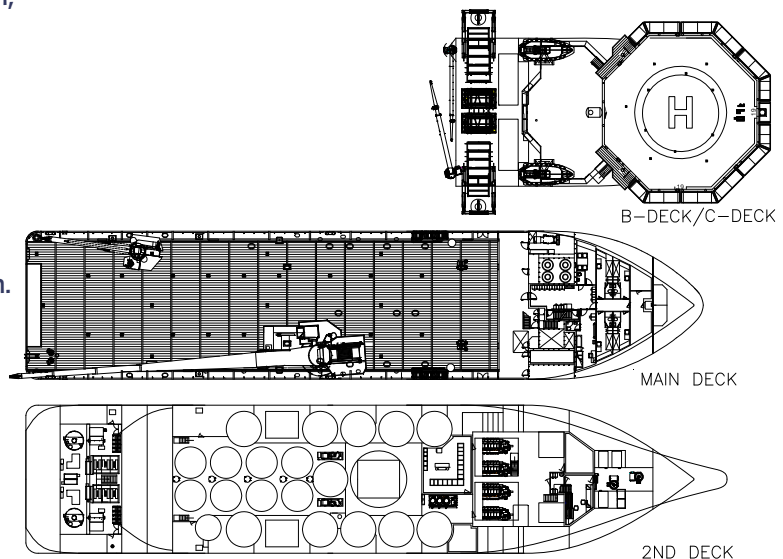
BOURBON EMERALD - MPSV

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



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

DELIVERY RATES

Fuel oil:	2 x 250 m ³ /h at 9 bars
Drill water:	2 x 250 m ³ /h at 9 bars
Fresh water:	2 x 250 m ³ /h at 9 bars
Liquid mud/Brine:	2 x 100 m ³ /h at 24 bars
Dry Bulk/Cement:	80 t/h
Base oil:	2 x 250 m ³ /h at 9 bars
Brine:	2 x 100 m ³ /h at 24 bars
Methanol:	2 x 100 m ³ /h at 9 bars
Slop:	150 m ³ /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 ³ /day @13,50 knots.
Stand-by at port:	1,0 m ³

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 ³ /h each.
- Monitors :	2 monitors 1,200 m ³ /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