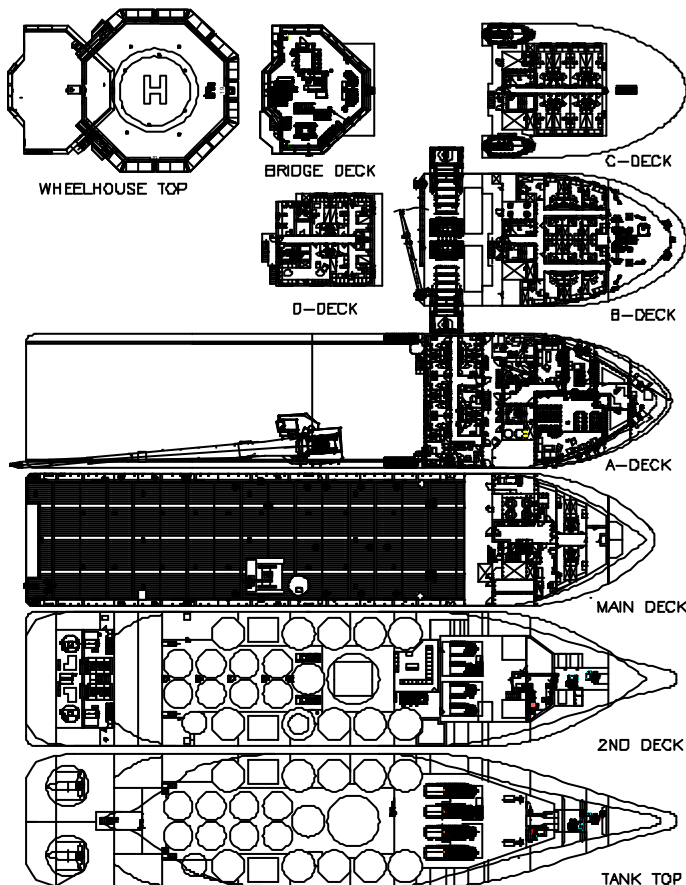




DP2 maintenance supply vessel
for deep water operations
BOURBON JADE
3,600 t deadweight



This Rolls-Royce Marine design is a UT 745 E Diesel Electric Multifunctional Subsea Services and Platform Supply Vessel. She is designed for World Wide service, for the purpose of performing and fulfilling the following duties:

- Subsea Intervention services, ROV operations, deepwater precision lifting & installation
- Transportation of pipes, cement, equipment and liquid cargo to and from Pipelay Vessels, Drilling Platforms and ships.
- Arranged for Oil Recovery operations, Fi-Fi I class.
- Option Moonpool/guidewire based module replacement operations.

15-06-2005



DP2 maintenance supply vessel for deep water operations **BOURBON JADE** 9,330 bhp

MAIN CHARACTERISTICS

Length overall:90.70 m.
Length between p.p:78.80 m.
Breadth:18.80 m.
Depth main deck:7.60 m.
Design draft:6.00 m.
Max. draft midship (approx):6.15 m.
Cargo deck area (approx):800 m²
Deck cargo (G=1.0 m above deck) (approx):2,100 t
Deadweight at draught 6.0 m midship (approx): 3,600 t

REGISTRATION

Type: DP2 Maintenance Supply Vessel Rolls Royce Marine Design.
Owner:Bourbon Offshore Norway.
Delivery:2004
Builder:.....LANGSTEN (Norway)
Flag:Norwegian.
Classification: DNV + 1A1, SF, EO, DK+, HL(2,8), DYNPOS.
AUTR, Fi-Fi I, LFL*, TMON, Clean, HELDK-S
Comf. V(3).

PERFORMANCE-CONSUMPTION

Speed (with 1,400 t cargo):15m³/day at 13.5 knots.
Speed (with 1,100 t cargo):10m³/day at 12 knots.
Stand by mode:3.30 m³/day

ACCOMMODATION

- Fully air-conditioned.
- Accommodation and equipment for 77 persons:
(60 passengers + 17 crew)

PROPULSION - MACHINERY

MACHINERY

- **Main generator sets:** 4x Ulstein Bergen, type C25: 33L6A Approx. 1,740 kW, 690V, 60 Hz each.
Max generator capacity: approx. 1,655 kW / 2,070 kVA each.
- **Auxiliary generators:**
 - 1 Harbour / emergency generator set: ..approx. 380 kW
 - 1 Harbour generator set:approx. 350 kW

THRUSTERS

- **Azimuth Main Thrusters aft:** 2x El. driven frequency controlled and CP propellers for main propulsion 0-2,300 kW each.
- **Side thrusters forward:**
 - 1Ulstein Aquamaster Swing up Azimuth thrusters 883 kW
 - 1Ulstein Aquamaster super silent tunnel thrusters 883 kW

DECK EQUIPMENT

- **Tugger winch:** 2 hydraulic driven Capacity 10 t pull.
- **Electrical deck winch:** 1x 5 t with 75 m of 16 mm wire.
- **Winch:** 1 drum, wire capacity 2,000 m, of 76 mm dia.
 - Rated pull: 250 t inner/110 t external layer.
 - Shark jaws: 1x 250 t SWL.
 - Towing pins: 1 pair.
- **Capstans:** 2 hydraulic driven Capacity 10 t pull.
- **Deck cranes:**
 - 1x 100 t/70 t Offshore crane,
Double fall: 100 t/800 m (active heave compensated).
Single fall: 70 t/1,600 m (active heave compensated).
Working radius: 7 m/30 m: 40 t. SWL.
Working radius: 7 m/15 m: 100 t. SWL.
Hook height above deck: 34 m.
Auxiliary fast winch (active heave compensated):
10 t/2,000 m (100 m/min).
 - 2x 3 t Deck crane, 8 m/12 m arm.

- **Anchor system:** Double windlass/mooring hydraulic winch.

- **ROV:** x 2 in option.

SPECIAL EQUIPMENT

- **Life boat:** 1 MOB with davit, life rafts with equipment.
- **Hot water boiler:** One of 250,000 kcal/h.
- **Fi-Fi I:** 2 pumps 2,400m³/h, 2 monitors 1,500 m³/h,
1 monitor 450 m³/h .
- **Helideck:** 19.5m diameter, for "SUPER PUMA" 9.3 tons.
- **Moon pool:** 4.80x 5.40m (optional).

CAPACITIES & PUMPS

Fuel oil:1,300 m³..Pumps 2x 250 m³/h at 9 bar.
Drill water Ballast: 1,650/1,000 m³..Pumps 2x 250 m³/h at 9 bar.
Fresh water:750 m³..Pumps 2x250 m³/h at 9 bar.
Liquid mud tanks:600 m³..Pumps 2x100 m³/h at 24 bar.
Base oil:300 m³..Pump 150 m³/h at 9 bar.
Brine:730 m³..Pumps 2x100 m³/h at 24 bar.
Methanol:160 m³..Pumps 2x100 m³/h at 9 bar.
Slop:.....340 m³..Pump 150 m³/h at 9 bar.
Oil recovery (min.):1000 m³.
Cement tank:400 m³.

BRIDGE EQUIPMENT/ELECTRONICS

NAVIGATION

- 1 Radar S-band, 1 Radar X-band,
- Chart plotter,
- MF/HF Direction finder,
- GPS Satellite navigator,
- Navtex Receiver,
- 1 Gyro Compass with repeaters and interfaces,
- Navigational echo Sounder,
- Speed log.
- 1 HIPAP 500 acoustic system.

COMMUNICATION

- External communication according to GMDSS-A3,
- Satcom B,
- 2 GSM for voice/Fax/data,
- E-mail via Satcom B and GSM,
- 2 VHF (fixed), 3 UHF (portable).
- 1 UHF (fixed),

DP SYSTEM (class II)

Comply with DNV notation , DYNPOS AUTR.

All particulars believed to be correct but not guaranteed.

Bourbon Offshore

148, rue Sainte - 13007 Marseille - France

Phone +33 (0)4 91 13 08 00 - Fax +33 (0)4 91 13 08 61

www.bourbon-online.com - E-mail: bourbon-offshore@bourbon-online.com