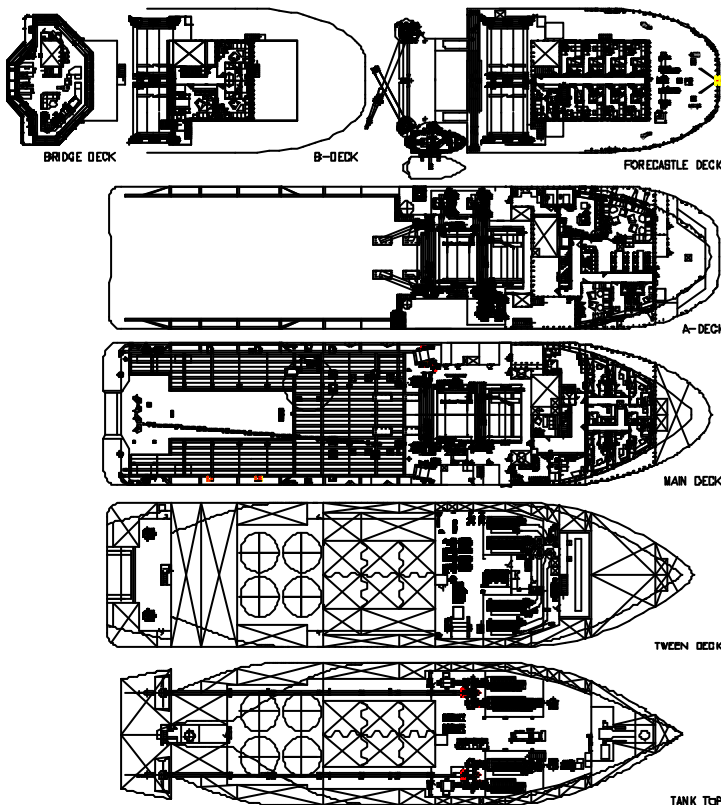




DP 2 anchor handling tug supply for deep water operations

BOURBON CROWN

193 Metric ton bollard pull
500 Metric ton line pull winch



This Rolls Royce Marine design are UT 722 L Multi-functional deep water anchor handling tug supply and service vessels.

It was designed to meet the general requirements of the offshore industry. In addition to undertaking supply duties between land bases and drilling sites, towing assistance during tanker loading, and towing of threatening objects, this vessel can perform for deep water anchor handling. It can handle mooring lines in water depth up to approx. 2500 m. This vessel is also equipped for oil recovery, Stand-by / Rescue, ROV/ DP AUTR operation, and stand in as a communication center.

15-06-2005



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BOURBON CROWN

16,590 bhp

MAIN CHARACTERISTICS

Length overall:80.00 m.
Length between pp:69.30 m.
Breadth moulded:18.00 m.
Depth main deck:8.00 m.
Deadweight (approx): at 6.60 m draft: 2,851 t.
Net tonnage:1,221.
Gross tonnage:3,154.

REGISTRATION

Type:AHTS. DP2 supply vessel Rolls Royce Marine design UT 722 L.
Owner:Bourbon Offshore Norway.
Delivery:2001.
Builder:LANGSTEN Slip & BATBYGGERI AS (NORWAY).
Flag:Norwegian.
Classification: ..DNV. Class + 1A1-Tug Supply Vessel-SF-EO-OIL REC- DYNPOS
AUTR- Ice C- Unlimited trade.

PERFORMANCE

Max speed:55 m³/day at 17 knots.
Trial speed:34 m³/day at 14.6 knots.
Economic speed:12 knots.
Port consumption:1 m³/day.

ACCOMMODATION

- Fully air-conditioned.
- Accommodation for 35 persons composed of:
 - 11 x single cabins, 8x 2 men cabins, 2x 4 men cabins.
- 2 offices, 1 hospital, 2 day rooms, laundry, linen, galley, drying room, provision room, conference room, incinerator room.

PROPULSION - MACHINERY

- **Main diesel engines:** 2x 3,535 kW, BRM 8.
2x 2,650 kW, BRM 6.
- **Auxiliary Engine:** 1 Caterpillar 3512, 1,340 kVA.
1 Caterpillar 3408, 350 kVA.
- **Emergency generator:** 1x 90 kVA.
- **Main propellers:** diameter: 3,900 mm in nozzle.
- **Tunnel thrusters aft:** 1x 883 kW electric driven.
- **Tunnel thruster forward:** 1x 883 kW electric driven.
- **Azimuth thruster forward:** 1x 883 kW electric driven.
- **Rudders:** 2 Ulstein Highift.

TOWING/ANCHOR HANDLING WINCH

- **Main winches:** 1 waterfall type Brattvaag BSL500WX/SL500WX.
 - **1 drum:** 1,500 mm dia. x 3,750 mm length + 900 mm socket.
 - Wire capacity: 6,700 m of 3".
 - Low gear: Hoisting on first layer:500 t at 0-15 m/min.
Dynamic braking on first layer: 125-625 t at 0-24 m/min.
 - **1 drum:** 2,800 mm dia. x 4,050 mm length + 900 mm socket.
 - Wire capacity: 5,200 m of 3".
 - Low gear: Hoisting on first layer:500 t at 0-12 m/min.
Dynamic braking on first layer: 125-625 t at 0-24 m/min.
- **Secondary winches:** 2x Brattvaag ALM 63125U winches comprising 1 drum each with dividing flange and spooling device.
 - **Bare drum:** 1,500 mm dia. x 4,500 mm length + 900 mm length socket compartment.
 - wire capacity: 7,000 m of 3", or 1,600 m of 8" synthetic rope
 - Low gear: Hoisting on first layer:138 t pull at 0-22 m/min.
Dynamic braking on first layer: 170 t at max. 44 m/min.
- **Wild cats:** 2x 76 mm, 2x 84 mm, 2x 95 mm, 1x 105 mm.
- **Towing pins:** 2x 240 t. Karmoy.
- **Pop Up Pins:** 2x 95 t. SWL.
- **Shark jaws:** Hydraulic, 2x 750 t. SWL, Karmoy.
- **Windlass/mooring winch:** Hydraulic, 1x 15 t pull, type B842/W6315.
- **Tugger winches:** 2x 20 t pull.
- **Capstans:** 2x 15 t pull.
- **Stern roller:** dia. 3.50 m x 6.00 m length.
- **Smith Brackets:** 500 t. SWL.

CAPACITIES & PUMPS

Cargo deck area: 570 m², (37.20 x 15.30 m) 5t/m² & 10 t/m²
Capacity:900 t
Fuel oil:1,150 m³...Pump 1x 250 m³/h at 9 bars
Oil recovery:1,150 m³...Pump 1x 250 m³/h at 9 bars
Liquid mud (2.5 SG): 430 m³...Pumps 2x75 m³/h at 9 bars
Brine (2.0 SG):540 m³...Pumps 2x75 m³/h at 9 bars
Fresh water:500 m³...Pump 1x 250 m³/h at 9 bars
Drill water/ballast: ..1,100 m³...Pump 1x 250 m³/h at 9 bars
Dry bulk cargo tanks: 284 m³ Compres. 2x 27 m³/mn at 5,6 bars
Chain lockers:545 m³.

ELECTRONICS-NAV-COM.

- 1 joystick system for DP II
- 1 radar (Furuno FR-2115) X-band ARPA,
- 1 radar (Furuno FAR-2835) S-band ARPA,
- 1 radar slave (Furuno FR-1510 Mk3) consol aft,
- 1 direction Finder (Taiyo TD-L1 550),
- 2 gyrocompass (Anschutz Standar 20 compact),
- 1 autopilot (Anschutz Pilotstar D),
- 1 chart Plotter (Furuno Telechart),
- 1 Navtex (Furuno NX-500),
- 1 echo sounder (Furuno FCV-700),
- 1 speed log (Furuno DS-70),
- 1 GPS (Furuno DGP-80),
- 1 DGPS (to DP application),
- 4 VHF, 2 UHF,
- 1 Sat C (Furuno Felcom 12)
- 1 Sat B (Nera Saturn BM sitcom) voice/telefax,
- 1 Icom IC-A 200 VHF AM,
- 1 Radio Telex (NBDP terminal model DP6)
- 1 DSC Receiver (Furuno DSC-60) Class A,
- 1 MF/HF (Furuno FS-5000 SSB 400 W duplex w/remote),
- 1 radio system compliant with GMDSS sea Area A3 rules.

DP SYSTEM (class II)

Comply with class notation DYNPOS, AUTR, ABB:
- 1 DGPS, ,
- 1 FANBEAM & SONARDYNE USBL HPR.

SPECIAL EQUIPMENT:

- **Life boat:** 1 MOB boat (MP 800 Springer) with davit,
 - Life rafts: (Viking) with equipment, 4x 20 & 2x 16 persons.
 - Survival Suits: 35 persons.
- **Deck Cranes:**
 - 1 x 15 t @ 13 m. Hydramarine.
 - 1 x 5 t @ 14 m. ABAS.
 - 1 x Hydraulic Palfinger Marine PK 2400 S 2,5 S.

All particulars believed to be correct but not guaranteed.

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