



BOURBON PEARL - MPSV

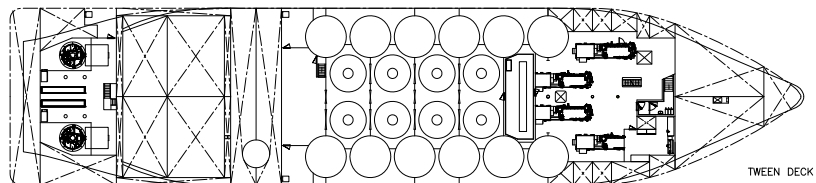
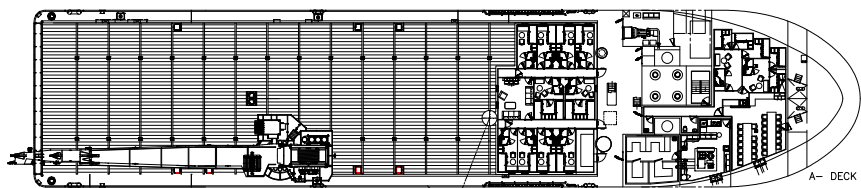
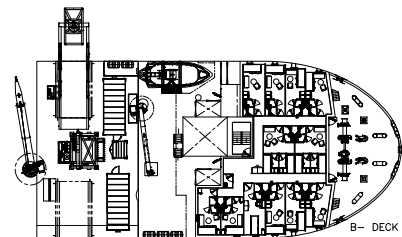
DP2 Maintenance Supply Vessel
for deep water operations
4,850 t deadweight



BOURBON PEARL is an Ulstein Verft designed P105, diesel electric, DP11, multipurpose subsea services and platform supply vessel.

The vessel is designed for world-wide, deep water operations to fulfill the following duties.

- Subsea installation work and deepwater precision lifting.
- ROV operations.
- Maintenance of SPMs buoys.



MULTI PURPOSE SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON PEARL**

Type: **DP2 MPSV, ULSTEINVERFT Design P105**

Year: **2007**

Owner: **Bourbon Offshore**

Builder: **Zhejiang Shipyard**

Class: **DNV+1A1, SF, Supply Vessel, EO, DK (+) NAUT OSV, HL (+), DYNPOS AUTR, LFL*, Oil Rec, Clean Conf. V(3)**

Flag: **Norwegian**

Updated: 16-07-2009



TECHNICAL SPECIFICATIONS

MPSV - BOURBON PEARL



MAIN PARTICULARS

DIMENSIONS

Length overall:	91.10 m
Breadth moulded:	19.00 m
Depth:	8.00 m
Draft:	6.50 m
Deadweight:	4,850 t
Gross tonnage:	4,200
Net tonnage:	1,423

CAPACITIES

Open cargo deck area:	775 m ² @ 10 t/m ²
Sheltered deck area:	126 m ² @10 t/m ²
Mezzanine deck:	275 m ²
Deck cargo:	2,150 t
Fuel oil:	1,170 m ³
Drill water:	950 m ³
Fresh water:	980 m ³
Liquid mud/Brine:	600 m ³
Dry Bulk/Cement:	(6 x 50m ³) 300 m ³
Methanol/Chemical*:	380 m ³

*Offloading capacity restriction with cargo rail removed.

DELIVERY RATES

Fuel oil:	150 m ³ /h at 9 bars
Drill water:	250 m ³ /h at 9 bars
Fresh water:	250 m ³ /h at 9 bars
Liquid mud/Brine:	100 m ³ /h at 24 bars
Dry Bulk/Cement:	30 m ³ /min at 6 bars

ACCOMMODATIONS

Total beds:	74
Passengers:	50
Crew:	24
Single cabins:	14
2 man cabins:	12
4 man cabins:	3
6 man cabins:	1
Hospital:	1
Mess / Day rooms:	1 mess / 3 day rooms
Laundry:	1
Galley:	1

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:	4 x 1,825 kW
Propellers:	2 x Azipull Thrusters, AZP 120, 2,500 kW
Bow thrusters:	2 x 880 kW Tunnel
Retractable bow thruster:	880 kW Tunnel
Main generators:	4 x 2,028 kVA
Emergency generator:	250 kW
Harbour generator:	315 kW

SPEED / CONSUMPTION (for info only)

Maximum speed (100%) @ 5 m draft:	15 knots
Service speed (80%):	13 knots
Economic speed (50%):	12 knots
Stand by at port:	1 m ³ /h

EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Deck crane AHC NATOIL:	
Main winch – AHC 1,600m wire length dia 62mm.	
- 110 t (double fall) harbour DAF 1.2 @ 12 m.	
- 100 t (double fall) offshore DAF 1.6 @ 12 m.	
- 90 t (Single fall) offshore DAF 1.6 crane @ 13 m.	
- 30 t @ 30 m radius.	
Auxiliary winch:AHC 10T – 2,000 m wire dia 30 mm.	
Deck cranes:3 t @ 10 m and 10 t @ 10 m.	
Capstan:2 x 10 t.	
Deck tugger:1 x 15.	

SAFETY EQUIPMENT

Fire Fighting (Fifi 1) not in service due to conversion
- Pumps : 2 pumps 1,600 m ³ /h each.
- Monitors : 2 monitors 1,200 m ³ /h each (removed).
Life saving arrangement–Stand by rescue equipment.
1 x MOB boat (Mare Safety GRP700 with davit).

ELECTRONICS

DYNAMIC POSITIONING (DNV class DYNPOS AUTR-DP2)

Kongsberg
ERN 99/98/97.5
2-DGPS Kongsberg DPS700-DPS102
HIPAP 450
Fan beam
MRU 5 & MRU 2 Kongsberg, 2 wind sensors, 3 Anchutz gyro standard 22

NAVIGATION

1 radar S-band-1 radar X-band–1 radar slave
3 gyrocompass (Anchutz standard 22)

COMMUNICATION

UHF, VHF Sat C, Fleet 77
KU band 128 kbit

All particulars believed to be correct but not guaranteed

Bourbon Offshore - 148, rue Sainte - 13007 Marseille - France
 Internet: www.bourbon-online.com - E-mail: bourbon-offshore@bourbon-online.com