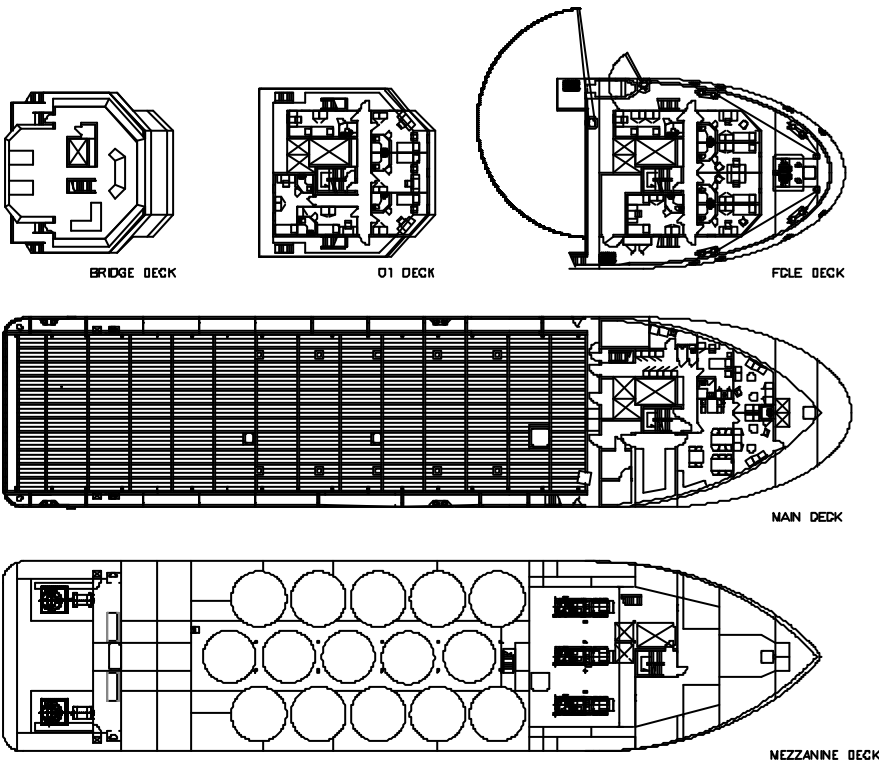
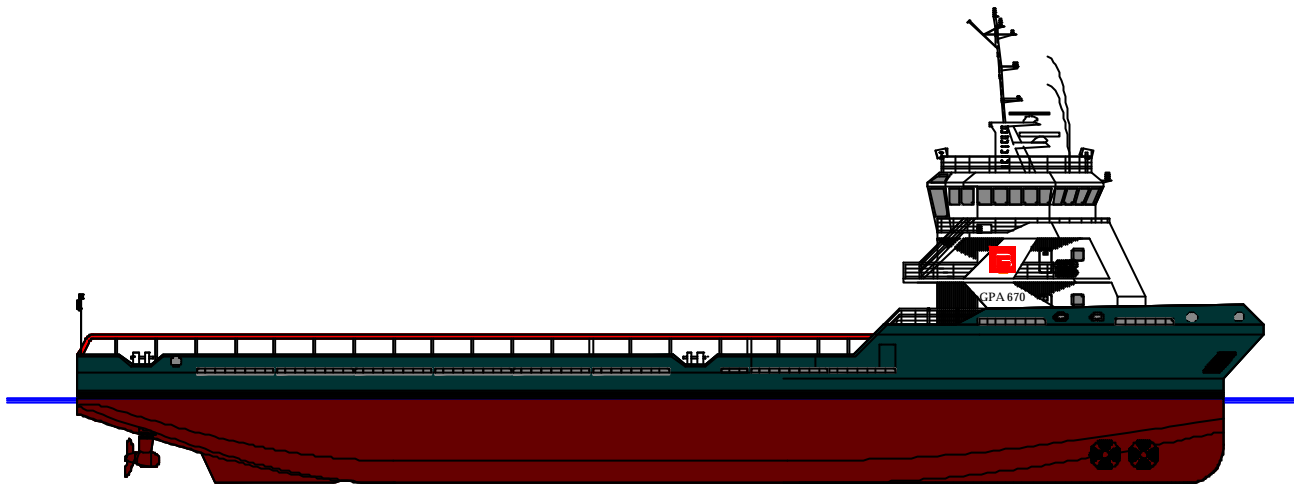




DP 2 diesel electric platform support vessel
for deep water operations
BOURBON HERA
3,230 t deadweight



Designed in conjunction with Guido Perla & Associates of Seattle, Washington.

Environmentally friendly diesel electric propulsion uses less fuel than conventional direct drive systems and produces far less pollution.

Liquid mud tank capacity and delivery capabilities typically found only in much larger vessels. BOURBON HERA will be equally at home serving shallow water ports or deepwater installations.

The fully redundant dynamic positioning class II gives her an exceptional maneuverability.

27-10-2006



BOURBON HERA

Diesel electric
Low emissions
Dynamic positioning II

MAIN CHARACTERISTICS

Length overall:73.20 m
Length between Perpendicular:70.76 m
Beam:16.50 m
Depth:6.80 m
Maximum Draft:5.63 m
Deadweight Max Draft:3,230 mt
Gross Registered Tonnage:2,321.

REGISTRATION

Type:Platform Supply Vessel (PSV).
Owner:Bourbon Offshore.
Year built:2005.
Builder:Zhejiang China.
Flag:French.
Classification: BV 1 + HULL, + MACH, Unrestricted Navigation Supply Vessel-Oil product, Fire-fighting ship 1, Water spray, + AUT-UMS, +DYNAPOS AM-AT-R (class 2).

PERFORMANCE

Speed at 5.3 m design draft/100% MCR:13 knots

ACCOMMODATION

- Fully air-conditioned.
- Accommodation for 23 persons composed of:
 - 5 x single cabins,
 - 2 x 4 men cabins,
 - 5 x 2 men cabins,
- 1 hospital, galley, provision room, stores, 1 mess room, 2 day rooms.

PROPULSION - MACHINERY

MACHINERY

- **Main diesel generators:**
 - 3x 1,825 kW (2,501 hp) CUMMINS QSK 60, at 1,800 rpm, 440 V/60 Hz.
- **Main propellers:**
 - 2x KAWAZAKI KST-200 ZF/A.
 - Z drive propellers, 360 degrees azimuthing, fixed pitch, 1,200 rpm powered by full range variable speed motors.
- **Drives:**
 - 2x 1,920 kW, ABB 24 pulses frequency converters 690 V.
- **Emergency generator:** 1x 170 kW (228 hp) 440V/60Hz.

THRUSTERS

- **Tunnel bow thrusters:** 2x 746 kW(1,000 hp) CPP at 1,200 rpm. KAWASAKI KST 105 B3.

DECK EQUIPMENT

- **Tugger winch:** 1x 10 mt pull.
- **Deck cargo crane** (telescopic boom): electro-hydraulic 2 mt /10 m.
- **Life appliances:** 1x MOB boat with davit, life rafts with equipment.
- **Anchor Windlass:** 1.
- **Capstans:** 2x 8 mt each.
- **Roll reduction System:** 1 Roll Stabilization Tanks.
- **Fire fighting system (class I):**
 - 2 pumps 1,500 m³/h,
 - 2 monitors 1,200 m³/h each.
 - Deluge system.

CAPACITIES

Cargo deck area: (5 mt/m²) (50,30x13,70 m).....675 m²
Deck cargo: (at 1 m CG).....1,600 mt
Fuel oil max: (96% full).....1,077 m³
Fuel oil service: (96% full).....40 m³
Fresh water:579 m³
Bulk: (4 tanks-96% full).....255 m³
Liquid product tanks suitable for mud, brine, base oil, fuel oil, drill water: (2.5 max density).....1,092 m³
Water ballast/Drill water:759 m³
Base oil: (2 aft tanks-96 % full).....188 m³
Sewage:11.50 m³
Grey water:12 m³

CARGO DISCHARGE PUMPS

Fuel oil :150 m³/h at 90 m.
Fresh water:150 m³/h at 90 m.
Liquid product (Brine, mud):2x 75 m³/h at 150 m.
Base oil:150 m³/h at 90 m.
Bulk material:2 compressors rated for 50 mt/h at 60 m.
Drill water:150 m³/h at 90 m.

ELECTRONICS

- 1 joystick system for DP2 system,
 - 2 radars,
 - 2 gyrocompasses,
 - 1 echo sounder, 1 speed log,
 - 1 Inmarsat F 77 providing phone, fax, E-mail,
 - 1 Iridium,
 - 1 autopilot,
 - 1 EPIRB, 2 radar transponders,
 - 1 GPS,
 - Fixed and portable UHF and VHF,
 - 1 radio system compliant with GMDSS A3 rules,
- ### DYNAMIC POSITIONING SYSTEM (Class II)

- 1 DP system comprising:
 - 2 operating consoles,
 - 1 computer with 1 printer,
 - 2 wind sensors ,
 - 2 gyrocompasses,
 - 1 laser reference system,
 - 2 DGPS,
 - 1 Vertical Reference Unit.

CONTROL & SAFETY

- Fully integrated DP/control dual redundant system,
- Alarm, monitoring and control system for unattended machinery operation,
- Tank level measurement,
- Remote control & monitoring of main cargo systems.

(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