



BOURBON HARMONIE

DP 2 diesel electric platform support vessels
for deep water operations
3,230 t deadweight



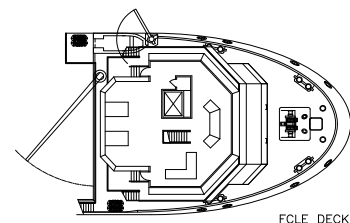
The Bourbon HARMONIE, is a GPA 670 PSV designed in conjunction with Guido Perla & Associates of Seattle, Washington. This environmentally friendly diesel electric vessel uses less fuel than conventional direct-drive propulsion vessels and produces far less pollution. The vessel is also classed DP1I.

The GPA 670 design allows for greater tank and delivery capacity to compete with vessel larger than it.

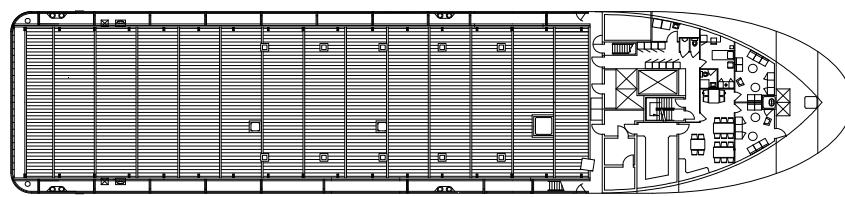
The vessel is designed for world-wide, deep water and shallow water operations to fulfill the following duties:

- Transportation of liquid products, deck cargo and other equipment for drilling and production support.

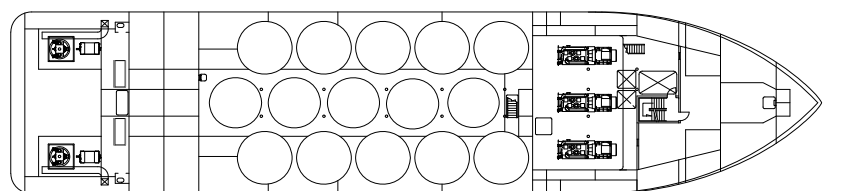
« Photo: «BOURBON HERMES» Sistership of «BOURBON HARMONIE».



FCLE DECK



MAIN DECK



MEZZANINE DECK

PLATFORM SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON HARMONIE**

Type: **DP2 PSV, GPA 670**

Year: **2006**

Flag: **French** / Owner: **Bourbon Offshore**

Updated: 30-06-2009

Builder: **Zhejiang (China)**

Class: **BV1+ Hull + MACH Unrestricted Navigation**

Supply, Vessel oil product, Fire fighting ship 1, Water spray

+ AUT-UMS + DYNPOS AM-AT-R (class 2)



MAIN PARTICULARS

DIMENSIONS

Length overall:	73.20m
Breadth moulded:	16.50m
Depth:	6.80m
Draft:	5.63 m
Deadweight:	3,230t
Gross tonnage:	2,321
Net tonnage:	696

CAPACITIES

Deck area:	(50,30 x 13,70) 675 m2 with 5 t/m2
Deck cargo:	1,600 t
Fuel oil:	1,117 m3
Drill water:	759 m3
Fresh water:	579 m3
Liquid mud, Brine:	1,092 m3
Base oil:	188 m3
Dry Bulk/Cement:	255 m3

DELIVERY RATES

Fuel oil:	150 m3/h at 9 bars
Drill water:	150 m3/h at 9 bars
Fresh water:	150 m3/h at 9 bars
Liquid mud, Brine:	2 x 75 m3/h at 15 bars
Base oil:	150 m3/h at 9 bars
Dry Bulk/Cement:	50 t/h at 6 bars

ACCOMMODATIONS

Accommodations for:	23 pers
Single cabins:	5
2 man cabins:	5
4 man cabins:	2
Hospital:	1
Mess / day rooms, laundry, galley, stores	
Fully air conditioned	

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:	3 x 1,825 kW
Propellers:	Z drive, fixed pitch, 360 degrees
Bow thrusters:	2 x 746 kW Tunnel
Auxilliary generators:	2 x 1,920 kW
Emergency generator:	170 kW

SPEED / CONSUMPTION

Maximum speed (100%):	13 knots
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EQUIPMENT & ELECTRONICS

DYNAMIC POSITIONING SYSTEM

Type:	Class 2
-Sensors and monitoring as per class 2 requirements	
-1 vertical reference unit.	

DECK EQUIPMENT

Tugger:	1 x 10 t
Capstans:	2 x 8 t
Deck provisions crane:	2 t at 10 m
Roll reduction System.	

SAFETY EQUIPMENT

Fire Fighting (Fifi 1) (2 pumps of 1,500 m3/h and 2 monitors)	
Life saving arrangement	
Stand by rescue equipment	
Remote control and monitoring of main cargo systems.	

ELECTRONICS

- NAVIGATION

2 radars
2 gyrocompasses
1 magnetic compass
1 digital echo-sounder
1 speed log
1 autopilot system
1 GPS (and 2 DGPS)

- COMMUNICATION

1 radio system compliant with GMDSS A3
1 Inmarsat F 77
1 iridium

All particulars believed to be correct but not guaranteed