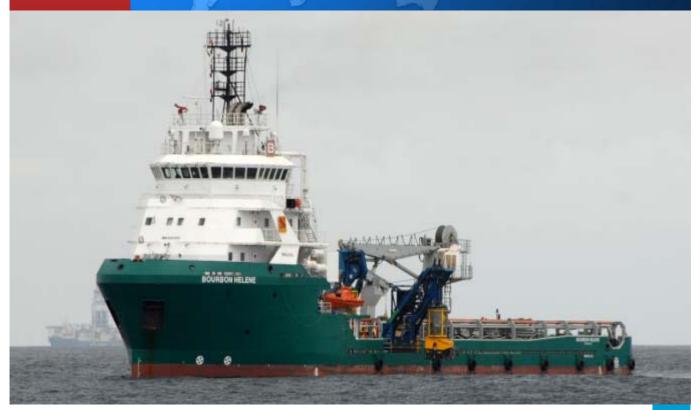


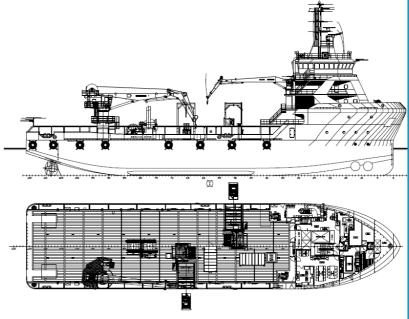
BOURBON HELENE DP 2



BOURBON HELENE is a GPA 670 design, diesel electric, DP 2, multipurpose subsea services support vessel with one AHC deep water crane and accommodation for 44 persons.

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

- Light subsea works and deepwater precision lifting up to 1,900 m;
- ■ROV operations;
- Survey operations;
- Platform maintenance support in DP;
- Transportation of liquid products, deck cargo and other equipment for drilling and production support;
- Flotel support.



REGISTRATION

Updated: 06-08-2012

Vessel Name: BOURBON HELENE

Flag: French Year Built: 2006

Class: BV I ★ HULL ★ MACH

Supply Vessel; Fire fighting ship / Fire fighting 1 Waterspray / Oil product

Unrestricted navigation

* AUT-UMS; *DYNAPOS-AM/AT-R

Bourbon Subsea Services

Builder: Zhejiang Shipbuilding Co.

MULTI PURPOSE SUPPLY VESSE

TECHNICAL SPECIFICATIONS MPSV - BOURBON HELENE



MAIN PARTICULARS

Length between PP: .70.76 m Breadth moulded: .16.50 m Depth: .6.80 m Draft (Min / Max): .4.5 m / 5.5 m Deadweight at max. draft: .2,879 t Gross tonnage: .2,535 UMS Moonpool: .NA Helideck (Diam/Tonnage): .NA CAPACITIES & DELIVERY RATES .NA Deck area: .690 m² @ 5 t/m² Mezzanine deck area: .NA Deck carea (transit - operations): .1,600 t @ 1 m above deck Fuel oil (capacity - transfer): .1,014 m³ - 150 m³/h @ 9 bars Fuel oil (capacity - transfer): .760 m³ - 150 m³/h @ 9 bars Antiroll passive tanks: .351 m³ Antineling (capacity - transfer): .NA Antiheeling (capacity - transfer): .NA Mud / Brine (capacity - transfer): .580 m³ - 150 m³/h @ 9 bars Methanol (capacity - transfer): .NA Dry bulk (capacity - transfer): .250 m³ - 2 x 75 m³/h @ 15 bars Mother: .8ase oil: 250 m³ - 2 x 75 m³/h @ 15 bars Oil recovery: .NA Oil recovery: .NA	<u>DIMENSIONS</u>	
Breadth moulded:	Length between PP:	70.76 m
Draft (Min / Max): .4.5 m / 5.5 m Deadweight at max. draft: 2,879 t Gross tonnage: .2,535 UMS Moonpool: .NA Helideck (Diam/Tonnage): .NA CAPACITIES & DELIVERY RATES Deck area: .690 m² @ 5 t/m² Mezzanine deck area: .NA Deck cargo (transit - operations): 1,600 t @ 1 m above deck Fuel oil (capacity - transfer): .1,014 m³ - 150 m³/h @ 9 bars Fuel oil (capacity - transfer): .760 m³ - 150 m³/h @ 9 bars Antineleing (capacity - transfer): .80 m³ - 150 m³/h @ 9 bars Antiheleing (capacity - transfer): .580 m³ - 150 m³/h @ 9 bars Methanol (capacity - transfer): .580 m³ - 150 m³/h @ 15 bars Methanol (capacity - transfer): .250 m³ - 2 x 75 m³/h @ 15 bars Other: .Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Other: .Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Other: .NA Alight (conditionning): YES	Breadth moulded:	16.50 m
Draft (Min / Max): .4.5 m / 5.5 m Deadweight at max. draft: 2,879 t Gross tonnage: .2,535 UMS Moonpool: .NA Helideck (Diam/Tonnage): .NA CAPACITIES & DELIVERY RATES Deck area: .690 m² @ 5 t/m² Mezzanine deck area: .NA Deck cargo (transit - operations): 1,600 t @ 1 m above deck Fuel oil (capacity - transfer): .1,014 m³ - 150 m³/h @ 9 bars Fuel oil (capacity - transfer): .760 m³ - 150 m³/h @ 9 bars Antineleing (capacity - transfer): .80 m³ - 150 m³/h @ 9 bars Antiheleing (capacity - transfer): .580 m³ - 150 m³/h @ 9 bars Methanol (capacity - transfer): .580 m³ - 150 m³/h @ 15 bars Methanol (capacity - transfer): .250 m³ - 20 t/h @ 6 bars Other: .Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Mess / Day rooms: .1 Mess / 2 Day rooms Laundry: .1 Galley: .1 Mess / Day rooms: .1 Mess / 2 Day rooms .1 Mess / 2 Day rooms: .1 Mess / 2 Day rooms .2 Mersons .2 Mersons .3 men cabins: <td>Depth:</td> <td>6.80 m</td>	Depth:	6.80 m
Gross tonnage: 2,535 UMS Moonpool: .NA Helideck (Diam/Tonnage): .NA CAPACITIES & DELIVERY RATES Deck area: .690 m² @ 5 t/m² Accommodations for: .44 persons Mezzanine deck area: .NA .NA	Draft (Min / Max):	4.5 m / 5.5 m
Monopool: NA Helideck (Diam/Tonnage): NA Helideck (Diam/Tonnage): NA NA	Deadweight at max. draft:	2,879 t
CAPACITIES & DELIVERY RATESDeck area:.690 m² @ 5 t/m²Accommodations for:.44 personsMezzanine deck area:.NA.NADeck cargo (transit - operations):.1,600 t @ 1 m above deck2 men cabins:.66Deck cargo (transit - operations):.1,014 m³ - 150 m³/h @ 9 bars3 men cabins:.NADrill or Water ballast (capacity - transfer):.760 m³ - 150 m³/h @ 9 bars4 men cabins:.NAAntiroll passive tanks:.351 m³.NAAntirbeling (capacity - transfer):.NA.NAFresh water (capacity - transfer):.580 m³ - 150 m³/h @ 9 bars.NAMud / Brine (capacity - transfer):.250 m³ - 4 x 75 m³/h @ 15 bars.NAMethanol (capacity - transfer):.NA.NADry bulk (capacity - transfer):.250 m³ - 2 x 75 m³/h @ 15 bars.NAOther:.NAOil recovery:.NA.NADispersant:.NA.NAAir conditionning:.YES	Gross tonnage:	2,535 UMS
CAPACITIES & DELIVERY RATESDeck area:.690 m² @ 5 t/m²Accommodations for:.44 personsMezzanine deck area:.NA.NASingle cabins:.66Deck cargo (transit - operations):.1,600 t @ 1 m above deck2 men cabins:.13Fuel oil (capacity - transfer):.1,014 m³ - 150 m³/h @ 9 bars3 men cabins:.NADrill or Water ballast (capacity - transfer):.760 m³ - 150 m³/h @ 9 bars4 men cabins:.NAAntineling (capacity - transfer):.NA.0ffices:.2Fresh water (capacity - transfer):.580 m³ - 150 m³/h @ 9 bars.NA.0ffices:.2Mud / Brine (capacity - transfer):.250 m³ - 4 x 75 m³/h @ 15 bars.NA.NAMethanol (capacity - transfer):.NADry bulk (capacity - transfer):.250 m³ - 2 x 75 m³/h @ 15 barsOther:Other:Dil recovery: <t< td=""><td>Moonpool:</td><td>NA</td></t<>	Moonpool:	NA
Deck area:	Helideck (Diam/Tonnage):	NA
Mezzanine deck area:NASingle cabins:6Deck cargo (transit - operations):1,014 m³ - 150 m³/h @ 9 bars1,014 m³ - 150 m³/h @ 9 bars3 men cabins:13Fuel oil (capacity - transfer):760 m³ - 150 m³/h @ 9 bars4 men cabins:NADrill or Water ballast (capacity - transfer):NA4 men cabins:NAAntiroll passive tanks:351 m³6 men cabins:NAAntiheeling (capacity - transfer):NAOffices:2Fresh water (capacity - transfer):580 m³ - 150 m³/h @ 9 barsMoffices:2Mud / Brine (capacity - transfer):250 m³ - 4 x 75 m³/h @ 15 barsMess / Day rooms:1 Mess / Day rooms:Methanol (capacity - transfer):250 m³ - 50 t/h @ 6 barsGalley:1Other:Base oil: 250 m³ - 2 x 75 m³/h @ 15 barsWorkshop:NAOil recovery:NAOther:NADispersant:NAAir conditionning:YES	CAPACITIES & DELIVERY RATES	ACCOMMODATIONS
Mezzanine deck area:NASingle cabins:6Deck cargo (transit - operations):1,014 m³ - 150 m³/h @ 9 bars13Fuel oil (capacity - transfer):1,014 m³ - 150 m³/h @ 9 bars3 men cabins:NADrill or Water ballast (capacity - transfer):760 m³ - 150 m³/h @ 9 bars4 men cabins:NAAntiroll passive tanks:351 m³6 men cabins:NAAntiheeling (capacity - transfer):NAOffices:2Fresh water (capacity - transfer):580 m³ - 150 m³/h @ 9 barsNAOffices:2Mud / Brine (capacity - transfer):250 m³ - 4 x 75 m³/h @ 15 barsMess / Day rooms:1 Mess / Day rooms:1 Mess / Day rooms:Methanol (capacity - transfer):250 m³ - 50 t/h @ 6 barsGalley:1Other:Base oil: 250 m³ - 2 x 75 m³/h @ 15 barsWorkshop:NAOil recovery:NAOther:NADispersant:NAAir conditionning:YES	Deck area:	Accommodations for:44 persons
Deck cargo (transit - operations):1,600 t @ 1 m above deck2 men cabins:13Fuel oil (capacity - transfer):1,014 m³ - 150 m³/h @ 9 bars3 men cabins:NADrill or Water ballast (capacity - transfer):760 m³ - 150 m³/h @ 9 bars4 men cabins:NAAntiroll passive tanks:351 m³6 men cabins:NAAntiheeling (capacity - transfer):NAOffices:2Fresh water (capacity - transfer):580 m³ - 150 m³/h @ 9 barsMoffices:2Mud / Brine (capacity - transfer):250 m³ - 4 x 75 m³/h @ 15 barsMess / Day rooms:1 Mess / Day rooms:Methanol (capacity - transfer):250 m³ - 50 t/h @ 6 barsGalley:1Other:Base oil: 250 m³ - 2 x 75 m³/h @ 15 barsWorkshop:NAOil recovery:NAOther:NADispersant:NAAir conditionning:YES	Mezzanine deck area:NA	
Drill or Water ballast (capacity - transfer):	Deck cargo (transit - operations):1,600 t @ 1 m above deck	
Antiroll passive tanks:		
Antiheeling (capacity - transfer): NA Offices: 2 Fresh water (capacity - transfer):		
Fresh water (capacity - transfer):	Antiroll passive tanks:351 m ³	
Mud / Brine (capacity - transfer): 250 m³ / 250 m³ - 4 x 75 m³/h @ 15 bars Mess / Day rooms: 1 Mess / 2 Day rooms: Methanol (capacity - transfer): 250 m³ - 50 t/h @ 6 bars Laundry: 1 Other:	Antiheeling (capacity - transfer):NA	
Methanol (capacity - transfer): NA Laundry: 1 Dry bulk (capacity - transfer): 250 m³ - 50 t/h @ 6 bars Galley: 1 Other: Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Workshop: NA Oil recovery: NA Other: NA Dispersant: NA Air conditionning: YES		
Dry bulk (capacity - transfer): 250 m³ - 50 t/h @ 6 bars Galley: 1 Other: Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Workshop: NA Oil recovery: NA Other: NA Dispersant: NA Air conditionning: YES		
Other: Base oil: 250 m³ - 2 x 75 m³/h @ 15 bars Workshop: NA Oil recovery: NA Other: NA Dispersant: NA Air conditionning: YES	Methanol (capacity - transfer):NA	Laundry:1
Oil recovery: NA Other: NA Dispersant: NA Air conditionning: YES	Dry bulk (capacity - transfer):	
Dispersant: NA Air conditionning: YES		
Dispersant:	·	
Leoam: 38.6 m ³ Water maker: NA		
Validation Wilderman	Foam:	Water maker:NA

MACHINERY & PERFORMANCE

PROPULSION - MACHINERY	SPEED & CONSUMPTION (Information only)	
Main propulsion:2 x 1,920 kW FP Azimuth thrusters	Maximum speed (100%) ligth vessel:13 knots - 14 t/day	
Bow thrusters:2 x 746 kW CP Tunnel	Service speed (80%) medium loaded:11 knots - 12 t/day	
Bow thruster retractable:NA	Stand-by at port:	
Main generator:3 x 1,825 kW - 440 V	Stand-by on DP:6 t/day	
Auxiliary generator:NA		
Emergency generator: 1 x 170 kW - 440 V		

- EQUIPMENT & ELECTRONICS

DECK FOLUDIATELE			
DECK EQUIPMENT			
Deck service air supply:			0.5 m³/h @ 16 bars
Deck provision crane:			3 t @ 16 m
			NA
Offshore crane 1:	NOV knuckle boom	Offshore crane 2:	NA
Harbour capacity:	DAF 1.35 - 23 t @ 9 m - 11.5 t @ 18.5 m	Harbour capacity:	NA
Offshore capacity:	DAF 1.50 - 17 t @ 14 m - 12 t @ 19 m	Offshore capacity:	NA
Main winch:	18.5 t / 11.5 t - 2,000 m - AHC - Man Riding	Main winch:	
Auxiliary winch:	NĂ	Auxiliary winch:	NA
COMMUNICATION		DYNAMIC POSITIONING	
	2 x SatC	Maker:	KONGSBERG SDP21
	1 x Ku band 256 Kbit	Туре:	
	YES	Reference 1:	DGPS 1 Kongsberg DPS 100
	NO - only intercom		DGPS 2 Kongsberg DPS 132
Video in all cabins:	NO		MDL Fan Beam
			Kongsberg HIPAP 450
SAFETY EQUIPMENT			NA
Pumps:			2 v 1 500 m ³ /h
rescue cupacity			IVA