



BOURBON FRONT

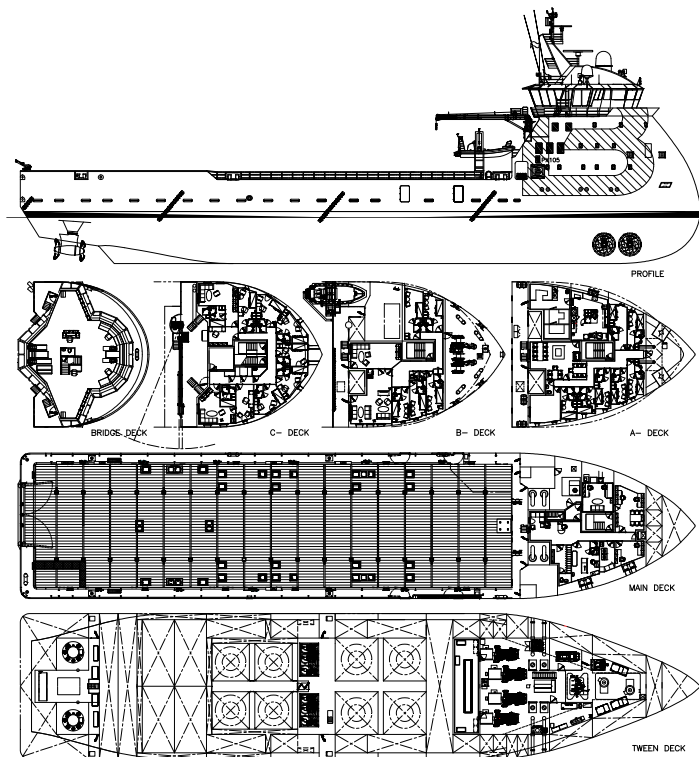
DP2 Diesel Electric Platform Support Vessel
4,250 t deadweight



The BOURBON FRONT is a large platform supply vessel designed to meet the future demands of the offshore industry. The hull with ULSTEIN X BOW combined with diesel-electric propulsion systems ensure outstanding performances with regards to fuel consumption, sea-keeping, station-keeping, speed and cargo capacity.

The cargo systems ensure safe and efficient loading and discharging of the vessel. The Multi Application Cargo Solution (MACS) and product tank configurations give a major increase and flexibility in cargo capacity versus conventional offshore vessel design solutions.

She is arranged for oil recovery operations and designed to minimize the environmental impact according to DNV "CLEAN DESIGN" class notation. The fully capable dynamic positioning class II gives her an exceptional maneuverability.



PLATFORM SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON FRONT**
Type: **PSV, Ulstein Design PX 105 MACS**
Year: **2011** – Flag: **NOR.**
Owner: **Bourbon Offshore Norway**

Builder: **Sinopacific Shipbuilding Group Co. Ltd (China)**
Class: **DNV + 1A1, SF, EO, DYNPOS-AUTR, CLEAN DESIGN, COMF-V(3), LFL*, DK(+), HL(+), ICE C, BIS, OILREC, NAUT-OSV (A), Fire Fighter I**



TECHNICAL SPECIFICATIONS

PSV - BOURBON FRONT.



MAIN PARTICULARS

DIMENSIONS

Length overall:.....88.80 m
 Breadth moulded:.....19.00 m
 Depth:.....8.00 m
 Max Draft:.....6.60 m
 Deadweight:.....4,250 mt
 Gross / Net tonnage:3,943 / 1,185

CAPACITIES

Free cargo deck area:.....(64 m x15,9 m) 1,017 m²
 Deck load: (10 mt/m² - VCG 1 meter above main deck).....2,820 mt
 ORO:.....1,598 m³
 Fresh water cargo: (6 tanks).....544 m³
 Ballast/Drill water (WB tank).....4,491 m³

MACS TANKS: (8 tks/ total: 925 m³).

- 4 tks: (dry bulk/mud (LFL*)/brine/FOC/GLY/base oil/ORO/slop/DW)..392 m³
- 4 tks: (mud/brine/FOC/GLY/base oil/ORO/slop/DW).....533 m³

PRODUCT TANKS: (6 tks/ total: 538 m³).

- 2 tks: (mud/brine/FOC/GLY/base oil/slop/ORO/DW).....184 m³
- 4 tks: (brine/FOC/GLY/base oil/Slop/ORO/DW).....354 m³

(The vessel can take a range of NLS products allowed for IMO Type 3 vessels, in total max: 800 m³).

LOW FLASH POINT LIQUID TANKS (LFL*): (6 tks/ total: 450 m³).

- 6 tk: (meth/XYL/GLY/base oil/FOC/slop/ORO/DW/FW cargo in 2 tks)..450 m³

DELIVERY RATES

Fresh water pumps:.....2x 250 m³/h at 9 bar
 Ballast pumps:.....2x 250 m³/h at 9 bar
 MACS cargo: (x8) 30 m³/h, 75 m³/h at 18 bar, 100 m³/h at 8 bar
 Chemicals (LFL*) pumps:6x 75 m³/h at 9 bar
 Product pumps:.....6x 75 m³/h at 9 bar
 Product tanks: x2 agitators for each of the two aft tanks.
 MACS tanks system: x1 agitator for each tank.

ACCOMMODATIONS

Accommodations for:.....25 pers.
 Single officer cabins:.....2
 Single cabins:.....13
 2 man cabins:.....5
 Mess room:.....1
 Day rooms:.....2
 Galley, dry provisions, cooler & freezer room, stores, laundry.
 Offices, conference room, hospital, gymnasium.
 Separate engine control / instrument rooms on main deck.
 Incinerator room.
 Fully air-conditioned.

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main Diesel generators engines:4 x 1,700 kW
 Main propulsion: Twin propeller azimuth thrusters2 x 2,500 kW
 Bow tunnel thrusters:.....2 x 1,200 kW
 Bow retractable azimuth thruster:.....1 x 850 kW
 Auxiliary generator:.....531 kVA, 3x 440V, 60 Hz
 Emergency generator:.....200 kVA, 3x 440V, 60 Hz

SPEED / CONSUMPTION

Maximum speed (100%):27.8 t/day @ 15.5 knots
 Service speed:14.4 t/day @ 12.7 knots
 Economic speed:8.4 t/day @ 11.5 knots
 Consumption in port:3.5 t/day

EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Tuggers:.....2x 15 mt pull
 One double hydraulic combined windlass / mooring winch.
 Deck cargo lashing winches:12x 10 mt securing winch (x6 each side)
 Three passive roll reduction tanks.
 One telescopic boom crane:.....2 mt @17 m

SAFETY EQUIPMENT

Fire Fighting (Fifi 1):1 pump 3,400 m³/h, 2 monitors 1,200 m³ each
 Foam. Water spray protection.
 Alarm, monitoring and control system for periodically unattended machinery space.
 Life saving arrangement: life rafts, life jackets, life buoys, immersion suits
 1 fast rescue boat (for 10 pers) with davit.
 Medical package for 250 survivors.

ELECTRONICS

- NAVIGATION

2 radars with ARPA, 2 radars transponders, 2 GPS,
 3 gyrocompasses, 1 magnetic compass, 1 echo sounder,
 1 speed log, 1 autopilot, Navtex, VDR, AIS, SSAS,
 Search lights x3, night search system x3.

- COMMUNICATION

1 radio system compliant with GMDSS A3 rules.
 MF/HF radio, DSC receiver, VHF/UHF/Portable,
 Satcom C x2, Fleet 77, SevSat, Intercom system.

Loading computer: Autoload.

DYNAMIC POSITIONING SYSTEM

Type: KONGSBERG SDP 21.....Class DP2
 2 operating consoles, 4 references system, VRU/VMU x2.
 Sensors and monitoring as per class II requirements.

All particulars believed to be correct but not guaranteed