



BOURBON OCEANTEAM 101 - MPSV

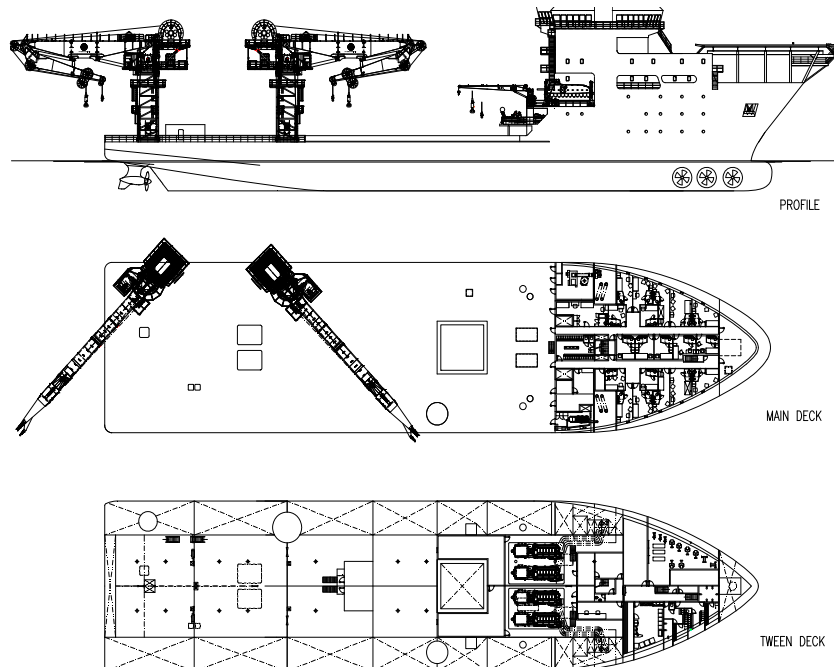
DP2 Construction & Maintenance Vessel
7,000 t deadweight



BOURBON OCEANTEAM 101 is a Sawicon design, diesel electric, DP2, multipurpose subsea services support vessel with twin redundant deep AHC water cranes.

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

- Construction work.
- Subsea installation.
- Umbilical laying.
- ROV Operations.
- Survey.



MULTI PURPOSE SUPPLY VESSEL

REGISTRATION

Vessel Name: **BOURBON OCEANTEAM 101**
Type: **Flexible product installation vessel**
Year: **2007**

Owner: **Bourbon Oceanteam**

Updated: 03-03-2009

Builder: **Metalships and dock , Vigo (Spain)**
Class: **DNV + 1A1, HELIDEK, DYNPOS AUTR, EO, DK (+)**
NAUT-OSV CLEAN, COMF-(V3).
Flag: **Malta.**



MAIN PARTICULARS

DIMENSIONS

Length overall:118.60 m
 Breadth moulded:27.00 m
 Depth:7.70 m
 Draft:5.2 m
 Light ship:4,871 t
 Bollard pull (info):70 t
 Dead weight:7,000 t
 Net tonnage:2,571

CAPACITIES

Deck area:2,100 m² @ 10 t/m²
 Fuel oil:1,200 m³
 Ballast water:4,000 m³
 Fresh water1,000 m³
 Fuel pump delivery:2 x 50 m³/hr at 2 bars
 Fresh water pump: (4" Weco).....50 m³/hr at 2.5 bars
 Active anti heeling:1,000 m³/hr
 Passive anti roll tank:200 m³
 Water maker:2 x 25 m³/day

ACCOMMODATIONS

Accommodations for:120 pers.
 Single cabins:56
 2 man cabins:32
 Meeting room:1
 Offices:5
 Hospital:1
 Mess / day rooms, laundry, galley, stores, offices, survey office,
 reception room for helideck, gymnasium, sauna.
 Fully air conditioned

Moonpool:7.20 x 7.20 m.
 Top moonpool door rated for 50 t.

MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main Diesel generators:4 x 2,700 kW.
 Propellers:2 x 3,500 kW, azimuth thrusters.
 Bow thrusters:3 x 1,500 kW Tunnel.
 Emergency generator:595 kW.

SPEED / CONSUMPTION

Maximum speed (100%):15 knots
 Service speed (80%):12 knots

EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

2 identical cranes: (Hydramarine) Active Heave Compensated.
 .Main winch:
 - crane capacity: 1,500 m water depth cable of 64 mm diameter.
 - Offshore DAF 1.3 , 100 t @ 15 m, 45 t @ 35m.
 2nd winch: AHC, 10T @ 36 m. Man riding .
 - capacity: 400 m wire of 24 mm diameter.
 Provision crane:2 t @12 m.
 Capstans:2 x 6 t.
 Deck tugger:2 x 6 t.
 Helideck:Design for S92 (20.90 x 20.90 m).

DYNAMIC POSITIONING SYSTEM

Comply with DNV notation NMD class 2, DYNPOS AUTR.
 Kongsberg SDP21, with references:
 - 2 Simrad HIPAP 500
 - 2 DGPS, (DPS 700)
 Fan Beam

NAVIGATION

1 radar S-band-1 radar X-band-1 radar slave.

COMMUNICATION

UHF, VHF, Sat C, Fleet 77.
 KU band 128 kbit.
 Cat 5 network, Video network, telephone/video in all cabins.

All particulars believed to be correct but not guaranteed