



SOUTHERN OCEAN MPSV

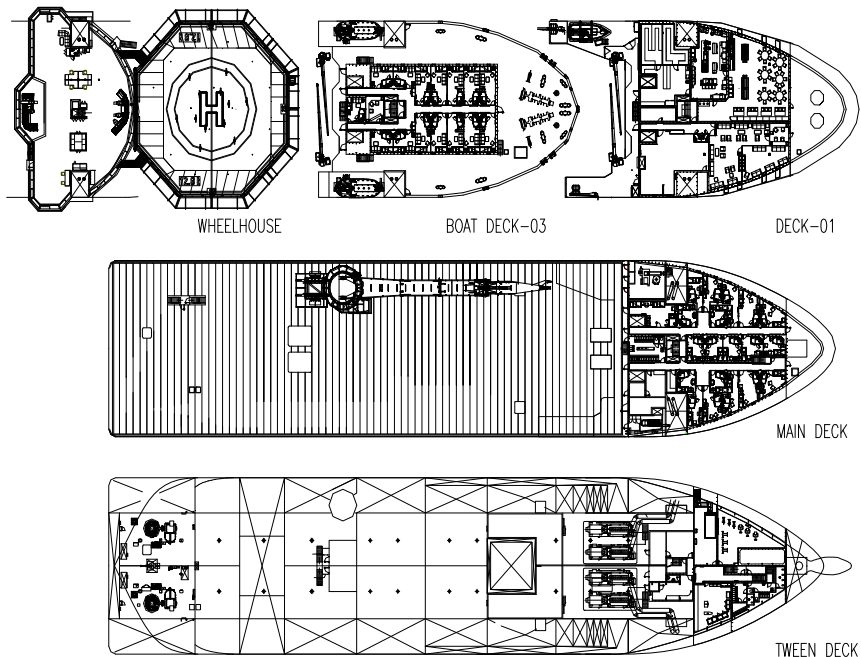
DP2 Construction & Maintenance Vessel
10,000 t deadweight



SOUTHERN OCEAN is a Sawicon design, diesel electric, DP2, multipurpose subsea services support vessel with 2 deep AHC water crane.

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: **SOUTHERN OCEAN**
Type: **Construction support vessel**
Year: **2010**

Owner: **Oceanteam BOURBON 4 AS**

Builder: **Metalships and dock , Vigo (Spain)**
Class: **DNV + 1A1, DYNPOS-AUTR, EO, DK (+) ,CLEAN DESIGN COMF-(V3), CARGO SHIP, NAUT-OSV , HELIDECK.**

Flag: **Malta.**

Updated: 21-09-2011



■ MAIN PARTICULARS

DIMENSIONS

Length overall:136.60 m
 Breadth moulded:27.00 m
 Depth:9.70 m
 Draft max:.....6.85 m
 Dead weight @ 6.85 m draft: 10,000 t

ACCOMMODATIONS

Accommodations for:120 pers.
 Single cabins:50
 2 man cabins:35
 Hospital (with 2 beds):1
 1 Mess room (60 seats), 1 recreation room (50 seats), 1 conference room (12 seats), laundry, galley, stores, offices, reception room for helideck, gymnasium, sauna, cinema.
 Fully air conditioned.
 Work shop.

CAPACITIES

Main deck area:2,400 m² @ 10 t/m²
 Fuel oil:1,700 m³
 Ballast water:7,400 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
 Water maker:2 x 25 m³/day

■ MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main Diesel engines:4 x 3,360 kW.
 Generators:4 x 3,230 kW.
 Propulsion:2 x 3,500 kW, azipull thrusters.
 Bow thrusters:1 swing-up thruster 1,500 kW.
 2 x 1,500 kW Tunnel thruster.
 Harbour generator:580 kW.

SPEED / CONSUMPTION

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

■ EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Main crane (midship PS): AHC MACGREGOR 250t
 - Harbour capacity.....DAF1.2 - 250t @10m - 70t @ 35m
 - Offshore capacity.....DAF1.5 - 217t @10m - 65t @ 35m
 2500m wire
 Secondary crane on starboard side forward: AHC NATOIL 90t
 - Harbour capacity.....DAF 1.2 - 110t @10m-40t @ 30m
 - Offshore capacity.....DAF 1.6 - 90 t @13 m -30t @ 30m
 1600m wire
 Provision crane:5 t @12 m
 Mooring winches:2 x 10 t
 Moon pool:7.20 x 7.20 m
 Helideck:Design for S92 (20.90 x 20.90 m)
 Stabilising equipment:2 passive anti roll tanks
 2 anti heeling systems

DYNAMIC POSITIONING SYSTEM

Comply with DNV notation NMD class 2, DYNPOS-AUTR.
 Kongsberg K-Pos 21, with references:
 - 2 Simrad HIPAP 500
 - 2 DGPS 116/132
 - LTW Taut Wire Mk 15
 - 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

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