

# DP2, Diesel Electric, Subsea Support Vessel



Multipurpose subsea service support vessel, diesel electric, DP 2, equipped with 8 point mooring system, one AHC deep water crane and accommodation for 103 persons.

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

- Windfarm support;
- Deepwater precision lifting and installation up to 1,500m depth;
- ROV operations;
- Maintenance of SPMs buoys;
- Survey operations;
- Platform maintenance support in DP;
- Transportation of liquid products, deck cargo and other equipment for drilling and production support;
- Flotel support.



Builder: SOCARENAM

Flag: Luxembourg

Year Built: 2009

Class: BVI ✕ HULL ✕ MACH

Special Service / Offshore Support; Fire fighting ship / Fire fighting 1 Waterspray  
Unrestricted navigation

✕ AUT-UMS; ✕ ALM; ✕ DYNAPOS-AM/AT-R; COMF - NOISE 3



▪ MAIN PARTICULARS

**DIMENSIONS**

Length between PP: .....	70.33 m
Breadth moulded: .....	19.50 m
Depth: .....	5.50 m
Draft (Min / Max): .....	3.83 m / 5.50 m
Deadweight at max. draft: .....	1,862 t
Gross tonnage: .....	3,052 UMS
Moonpool: .....	NA
Helideck (Diam/Tonnage): .....	NA

**CAPACITIES & DELIVERY RATES**

Deck area: .....	720 m <sup>2</sup> @ 10 t/m <sup>2</sup> (aft) & 5 t/m <sup>2</sup> (fwd)
Mezzanine deckarea: .....	NA
Deck cargo (transit - operations): .....	1,176 t @ 1 m above deck
Fuel oil (capacity - transfer): .....	600 m <sup>3</sup> - 80 m <sup>3</sup> /h @ 9 bars
Drill or Water ballast (capacity - transfer): .....	1,290 m <sup>3</sup> - 150 m <sup>3</sup> /h @ 10 bars
Antiroll passive tanks: .....	NA
Antiheeling (capacity - transfer): .....	NA
Fresh water (capacity - transfer): .....	779 m <sup>3</sup> - 30 m <sup>3</sup> /h @ 9 bars
Mud / Brine (capacity - transfer): .....	200 m <sup>3</sup> / 400 m <sup>3</sup> - 2 x 80 m <sup>3</sup> /h @ 9 bars
Methanol (capacity - transfer): .....	NA
Dry bulk (capacity - transfer): .....	NA
Other: .....	NA
Oil recovery: .....	NA
Dispersant: .....	NA
Foam: .....	8.6 m <sup>3</sup>

**ACCOMMODATIONS**

Accommodations for: .....	103 persons
Single cabins: .....	9
2 man cabins: .....	35
3 men cabins: .....	NA
4 men cabins: .....	6
6 men cabins: .....	NA
Offices: .....	4
Hospital: .....	1
Mess / Day rooms: .....	2 Mess / 2 Day rooms
Laundry: .....	1
Galley: .....	1
Workshop: .....	1
Other: .....	1 Conference room, 1 Gym
Air conditioning: .....	YES
Water maker: .....	NA

▪ MACHINERY & PERFORMANCE

**PROPULSION - MACHINERY**

Main propulsion: .....	2 x 1,300 kW FP Azimuth thrusters
Bow thrusters: .....	2 x 700 kW CP Tunnel
Bowthruster retractable: .....	NA
Main generator: .....	5 x 910 kW - 460 V
Auxiliary generator: .....	NA
Emergency generator: .....	1 x 80 kW - 460V

**SPEED & CONSUMPTION (Information only)**

Maximum speed (100%) lighth vessel: .....	11 knots - 14 t/day
Service speed (80%) medium loaded: .....	10 knots - 11 t/day
Stand-by at port: .....	2 t/day
Stand-by on DP: .....	4 t/day

▪ EQUIPMENT & ELECTRONICS

**DECK EQUIPMENT**

Tuggers: .....	1 x 10 t
Capstans: .....	2 x 5 t
Deck service air supply: .....	1,200 m <sup>3</sup> /h @ 8 bars
Deck power supply: .....	2 x 300 kW - 460 V
Work boat: .....	1 MSI Marine
Deck provision crane: .....	10 t @ 10 m
Mooring: .....	4 x 40 t
Offshore crane 1: .....	SMST knuckle boom
Harbour capacity: .....	DAF 1.3-40t@9m-15t@21.5m
Offshore capacity: .....	DAF 1.6-30t@9m-11t@21.5m
Main winch: .....	40 t / 17 t - 1,500 m - AHC - Man Riding
Auxiliary winch: .....	NA
Offshore crane 2: .....	NA
Harbour capacity: .....	NA
Offshore capacity: .....	NA
Main winch: .....	NA
Auxiliary winch: .....	NA

**COMMUNICATION**

Inmarsat: .....	2 x SatC
VSAT: .....	1xKu band 128Kbit
Video network: .....	YES
Telephone in all cabins: .....	NO - only intercom
Video in all cabins: .....	NO

**DYNAMIC POSITIONING**

Maker: .....	SIREHNA EASY DP200
Type: .....	DP 2
Reference 1: .....	DGPS 1 SAAB R4
Reference 2: .....	DGPS 2 SAAB R4
Reference 3: .....	Cyscan Laser Reference system
Reference 4: .....	Sonardyne Ranger Pro USBL
Reference 5: .....	NA

**SAFETY EQUIPMENT**

Fi-Fi: .....	Class 1
Pumps: .....	2 x 1,800 m <sup>3</sup> /h
Monitors: .....	1 x 1,200 m <sup>3</sup> /h
Fast Rescue Craft: .....	NA
Rescue capacity: .....	NA

*All particulars believed to be correct but not guaranteed*