



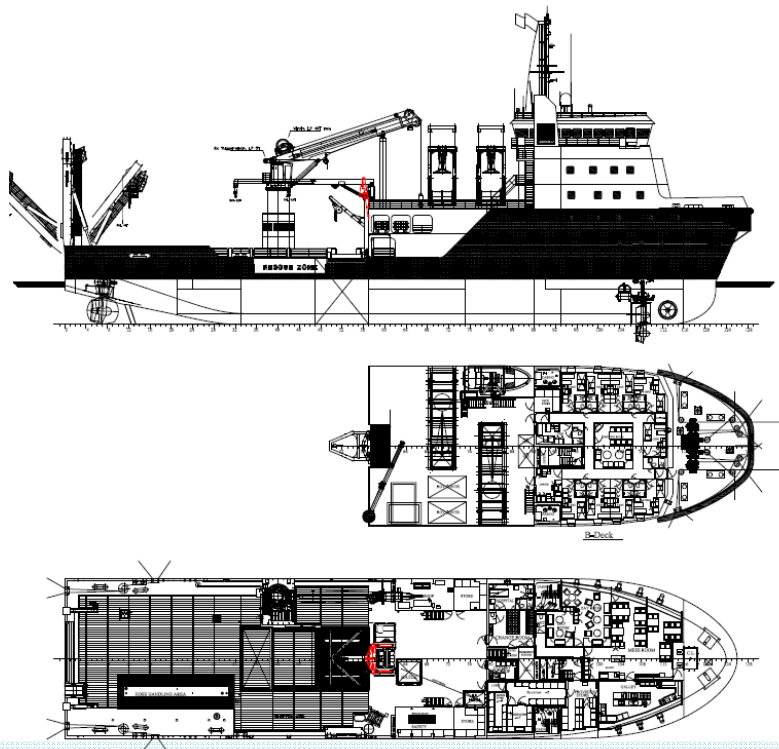
# VISSOLELA DP 2



The VISSOLELA is a De Hoop design, diesel electric, DP 2, multipurpose subsea services support vessel with one offshore crane, one A-frame, one AHC winch through moonpool and accommodation for 56 persons.

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

- Light subsea works;
- ROV operations;
- Maintenance of SPMs buoys;
- Survey operations;
- Platform maintenance support in DP;
- Flotel support;
- Rescue operations.



MULTI PURPOSE SUPPLY VESSEL

## REGISTRATION

Vessel Name: **VISSOLELA**

Flag: **French**

Class: **BV I \* HULL \* MACH**

**Special Service; Fire fighting ship / Fire fighting 1 Waterspray / Oil Recovery / Stand by rescue  
Unrestricted navigation**

**\* AUT-UMS; \* ALM; \* DYNAPOS-AM/AT-R; SDS**

Builder: **DE HOOP**

Year Built: **2004**

Updated: 06-08-2012



# TECHNICAL SPECIFICATIONS

## MPSV - VISSOLELA



### MAIN PARTICULARS

#### DIMENSIONS

Length between PP: .....	69.40 m
Breadth moulded: .....	18.00 m
Depth: .....	7.40 m
Draft (Min / Max): .....	4.80 m / 6.10 m
Deadweight at max. draft: .....	3,350 t
Gross tonnage: .....	3,722 UMS
Moonpool: .....	6 m x 6 m
Helideck (Diam/Tonnage): .....	NA

#### CAPACITIES & DELIVERY RATES

Deck area: .....	670 m <sup>2</sup> @ 5 t/m <sup>2</sup>
Mezzanine deck area: .....	268 m <sup>2</sup> @ 2 t/m <sup>2</sup>
Deck cargo (transit - operations): .....	1,300 t @ 1 m above deck
Fuel oil (capacity - transfer): .....	1,105 m <sup>3</sup> - 100 m <sup>3</sup> /h @ 8 bars
Drill or Water ballast (capacity - transfer): .....	1,350 m <sup>3</sup> - 40 m <sup>3</sup> /h @ 4.5 bars
Antiroll passive tanks: .....	NA
Antiheeling (capacity - transfer): .....	250 m <sup>3</sup> - 2 x 500 m <sup>3</sup> /h
Fresh water (capacity - transfer): .....	495 m <sup>3</sup> - 40 m <sup>3</sup> /h @ 4.5 bars
Mud / Brine (capacity - transfer): .....	NA
Methanol (capacity - transfer): .....	NA
Dry bulk (capacity - transfer): .....	NA
Other: .....	NA
Oil recovery: .....	324 m <sup>3</sup>
Dispersant: .....	NA
Foam: .....	24 m <sup>3</sup> m <sup>3</sup>

#### ACCOMMODATIONS

Accommodations for: .....	56 persons
Single cabins: .....	8
2 men cabins: .....	24
3 men cabins: .....	NA
4 men cabins: .....	NA
6 men cabins: .....	NA
Offices: .....	2
Hospital: .....	1
Mess / Day rooms: .....	1 Mess / 2 Day rooms
Laundry: .....	1
Galley: .....	1
Workshop: .....	NA
Other: .....	NA
Air conditioning: .....	YES
Water maker: .....	1 boiler - 6 m <sup>3</sup> /day

### MACHINERY & PERFORMANCE

#### PROPULSION - MACHINERY

Main propulsion: .....	2 x 1,800 kW FP Azimuth thrusters
Bow thrusters: .....	1 x 780 kW CP Tunnel
Bow thruster retractable: .....	1 x 600 kW FP Azimuth
Main generator: .....	4 x 1,424 kW - 480 V
Auxiliary generator: .....	NA
Emergency generator: .....	1 x 320 kW - 480 V

#### SPEED & CONSUMPTION (Information only)

Maximum speed (100%) lighth vessel: .....	13 knots - 20 t/day
Service speed (80%) medium loaded: .....	10 knots - 15 t/day
Stand-by at port: .....	2 t/day
Stand-by on DP: .....	7 t/day

### EQUIPMENT & ELECTRONICS

#### DECK EQUIPMENT

Tuggers: .....	1 x 10 t & 1 x 30 t
Capstans: .....	2 x 5 t
Deck service air supply: .....	66 m <sup>3</sup> /h @ 8 bars
Deck power supply: .....	2 x 144 kW - 480 V & 2 x 96 kW - 480V
Work boat: .....	NA
Deck provision crane: .....	Offshore rated: 4.5 t @ 9 m - Man Riding
Mooring: .....	NA
Offshore crane 1: .....	SMST telescopic
Harbour capacity: .....	40 t @ 9 m - 6 t @ 23.5 m
Offshore capacity: .....	40 t @ 9 m - 6 t @ 23.5 m
Main winch: .....	40 t / 40 t - 200 m
Auxiliary winch: .....	NA
Offshore crane 2: .....	A-Frame (8 m clearance up / 10 m wide opening)
Harbour capacity: .....	54 t @ 8 m outreach
Offshore capacity: .....	54 t @ 8 m outreach
Main winch: .....	30 t / 30 t - 1,500 m - AHC
Auxiliary winch: .....	NA

#### COMMUNICATION

Inmarsat: .....	2 x SatC
VSAT: .....	1 x Ku band 256 Kbit
Video network: .....	YES
Telephone in all cabins: .....	NO - only intercom
Video in all cabins: .....	NO

#### DYNAMIC POSITIONING

Maker: .....	ALSTOM DP21
Type: .....	DP 2
Reference 1: .....	DGPS 1 Thales Aquarius
Reference 2: .....	DGPS 2 Thales Aquarius
Reference 3: .....	Cyscan Laser Reference System
Reference 4: .....	Sonardyne Fusion USBL
Reference 5: .....	MDL Fan Beam

#### SAFETY EQUIPMENT

Fi-Fi: .....	Class 1
Pumps: .....	2 x 1,500 m <sup>3</sup> /h
Monitors: .....	2 x 1,200 m <sup>3</sup> /h
Fast Rescue Craft: .....	1 x Seabear 23 MKII
Rescue capacity: .....	150 persons in tropical area

*All particulars believed to be correct but not guaranteed*

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