DEEPOCEAN

VOLANTIS

VESSEL SPECIFICATION SHEET



MULTIPURPOSE OFFSHORE VESSSEL

Volantis is a dynamically positioned multipurpose subsea construction vessel owned by Havila Maritime Dis I AS and has been part of DeepOcean's fleet since 2008. Recently upgraded with a battery pack hybrid system and shore power connection, the vessel offers reduced fuel consumption and lower emissions while maintaining high operational performance. Designed for operation in severe weather conditions, Volantis combines excellent station-keeping capability with fuel-efficient operations.

The vessel is equipped with a 150 Te active heave compensated subsea crane with lifting capabilities to water depths of 3 000 m and is mobilised with two WROVs, one OBSROV and a UT1 Ultra trencher, providing an integrated solution for subsea construction, installation, trenching and seabed intervention projects.

Volantis has an extensive global track record of delivering complex offshore operations safely, efficiently and productively.

KEY VESSEL FEATURES

- BATTERY PACK HYBRID VESSEL
- SHORE POWER CAPABILITY
- DP CLASS 2
- 2 X WROV'S
- 1 X OBSROV
- 1 X TRENCHER
- 150 TE AHC OFFSHORE CRANE
- 780 M^2 BACK DECK AREA
- ACCOMODATION FOR 81 PERSONS TOTAL
- MARESS FUEL MONITORING SOFTWARE
- HELIDECK

DEEPOCEAN

CLASSIFICATION

	DNV ✠ 1A1, BATTERY(POWER) CLEAN COMF(C-3, V-3), SHORE PWR, DYNPOS(AUTR), E0, HELDK(S, H), SF, DP2 - ERN 99.99.99
FLAG	NOR

POSITIONING

DYNAMIC POSITIONING	Kongsberg K-Pos DP31
REFERENCE SYSTEMS	1 x Fan Beam 2 x Seapath 1 x HIPAP 2 x Kongsberg GNSS Receivers
MOTION REFERENCE UNITS	2 x Kongsberg MRU5 1 x Kongsberg MRU2

DECK EQUIPMENT

OFFSHORE CRANE	150 Te on single fall AHC Aux winch : 20 Te AHC

FRC AND LIFEBOATS

LIFE BOATS	Life boats Jiangyin Wolong 2 x 100 persons
RESCUE/MOB BOAT	Maritime Partner MP-741 Springer 1 x 10 persons

HELIDECK

	Helideck design for maximum take-off weight: 12.8 Te D-value 20.88 Helideck monitoring

ROV / TRENCHER

WROV	2 x 125 hp Kystdesign Supporter 1 wrov in hangar launch/recovery over the side 1 WROV on back deck Launch/recovery over the side
OBSROV	1 X SAAB SEAEYE PANTHER XT mobilised in hangar Launch/recovery over the side
TRENCHER	1 x UT1 Ultra, mobilised on back deck Launch/recovery over the side

DIMENSIONS

LENGTH (LOA)	106.6 m
BREADTH	22.0 m
DRAFT	7.3 m
DEAD WEIGHT	6 555 Te Max
GROSS TONNAGE	7 530 GT

DECK CAPACITIES

DECK AREA	780 m^2 (back deck, excluding ROV and trencher area)
DECK CARGO CAPACITY	10 Te/m^2 (fromstern to fram 24)

PROPULSION

MAIN ENGINES	2 x 1 530 kW Caterpillar diesel engines, type 3612 4 x 1 530 kW MAK diesel engines type 9M20C
THRUSTERS	2 x 2 000 kW Rolls-Royce Type TT-2 800, 2 x 2 000 kW Rolls-Royce AzT Swing-up Azimuth
MAIN PROPELLERS	2 x 3 500 kW Aquamaster type US 355 CP, Azimuth

ACCOMMODATION

	PAX 81 19 Single cabins 31 Double cabins 2 project office 2 client office 1 Conference rooms 3 Day rooms

TANK CAPACITIES

DRILL / BALLAST WATER	2 000 m^3
FRESH WATER	400 m^3
FUEL	2 000 m^3

CONSUMPTION

TRANSIT ECO 8.4 KTS	19- 20 m^3/day
DP OPERATIONS	10 - 11 m^3/day
IN PORT	3 - 4 m^3/day

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