

DEEP HELDER

VESSEL SPECIFICATION SHEET



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SURVEY, IMR & INTERVENTION VESSEL

Deep Helder is a cost effective vessel operating on survey, Installation Maintenance and Repair (IMR) and Intervention projects for our customers in the Oil & Gas and Renewable markets.

The 65m long dynamically positioned vessel is designed for low fuel consumption, clean ship/green passport/SPS2008 and high comfort class notation (Comf1). The vessel is equipped with an offshore crane, Survey and ROV systems. Deployment of equipment can be via Moon Pool or A Frame. A total of 50 personnel can be accommodated on the vessel.

KEY FEATURES

- COST EFFECTIVE OFFSHORE SUPPORT VESSEL
- ROV PERMANENTLY MOBILISED
- LARGE DECK SPACE
- OFFSHORE CRANE
- ACCOMMODATION FOR 50 PEOPLE

GENERAL CHARACTERISTICS

SHIP NAME	MV Deep Helder
BUILT	2014
REGISTERED	Netherlands / Den Helder
BUILDER	De Hoop Foxhol Netherlands
CLASSIFICATION	BV + Hull + Mach Offshore Service Ship + DYNAPOS AM / AT-R + AUT-UMS. Cleanship, Green Passport, Comf-VIB-1 / Comf-Noise-1

MAIN CHARACTERISTICS

LENGTH O.A.	64,8 m
LENGTH B.P.	61,4 m
BREATH, MID	15,77 m
DEPTH, MID	6 m
DRAFT, SUMMER	4,5 m
DRAFT, MINIMUM	3,5m
SERVICE SPEED	10,0 knots
MAXIMUM SPEED	12,0 knots

TONNAGE

DEADWEIGHT AT 4.5M	1500 T
GROSS TONNAGE	1856 T
NET TONNAGE	556 T

MACHINERY

MAIN ENGINES	4 x Caterpillar C32 diesel engines, 995 kW
ELECTRIC POWER	480 V AC-60 Hz
FUEL TYPE	Gas Oil
THRUSTERS AFT	2 x VETH 968kW each
THRUSTERS FWD	1 x VETH 400kW Retractable 1 x VETH 600kW Tunnel

FUEL CONSUMPTIONS

MAX SPEED	13 m ³ /24 hrs
SERVICE SPEED	7 m ³ /24 hrs
DP MODE	4 m ³ /24 hrs
HARBOUR MODE	1 m ³ /24 hrs

TANK CAPACITIES

FUEL OIL	350 m ³
POTABLE WATER	350 m ³
BALLAST WATER	555 m ³

DP2 SYSTEM

DP SYSTEM	Kongsberg type K-POS-DP-21 Green DP
DP REFERENCES	Sonardyne Ranger PRO2 USBL 2 x DGPS, CyScan Laser, Tautwire 2 x Wind, 3 x Gyro, 2 x MRU-5

DEEP HELDER

4 POINT MOORING

ANCHORS	4 x Flipper Delta 2 500 kg (40 te Holding)
WIRE AFT	2 x 1300 m diameter 36 mm
WIRE FWD	2 x 1000 m diameter 36 mm

DECK

DECK SPACE	500 m ²
DECK LOADING	5 te/m ²
DECK LOADING A-FRAME	20 te Foundations for A Frame

DECK CRANE

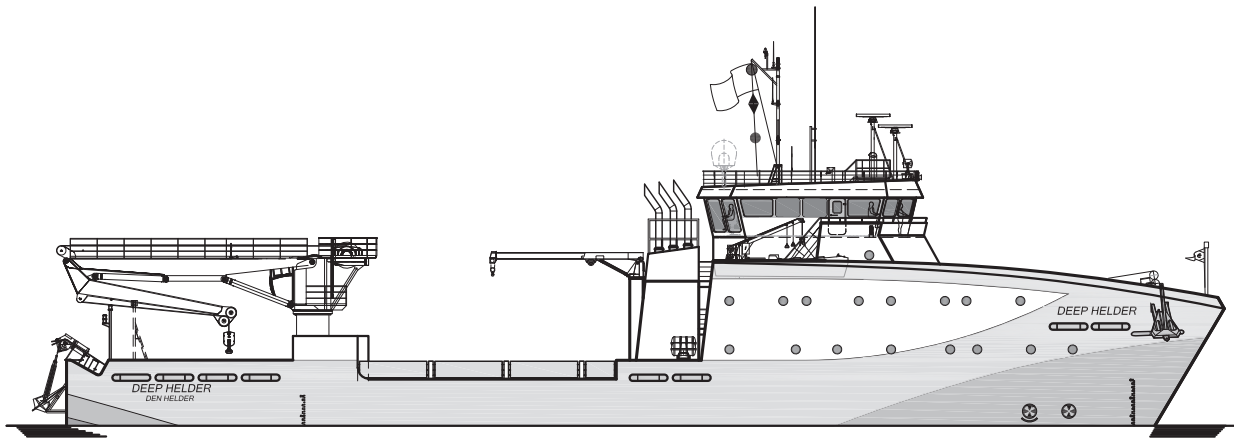
OFFSHORE CRANE	SubSea / Manriding 20 T @ 10 m, 5 T @ 21.5 m Hook Travel 500 m Max hook height above water line 25 metres
PROVISION CRANE	1,5 T @ 8,8 m, Hook Travel 50 m

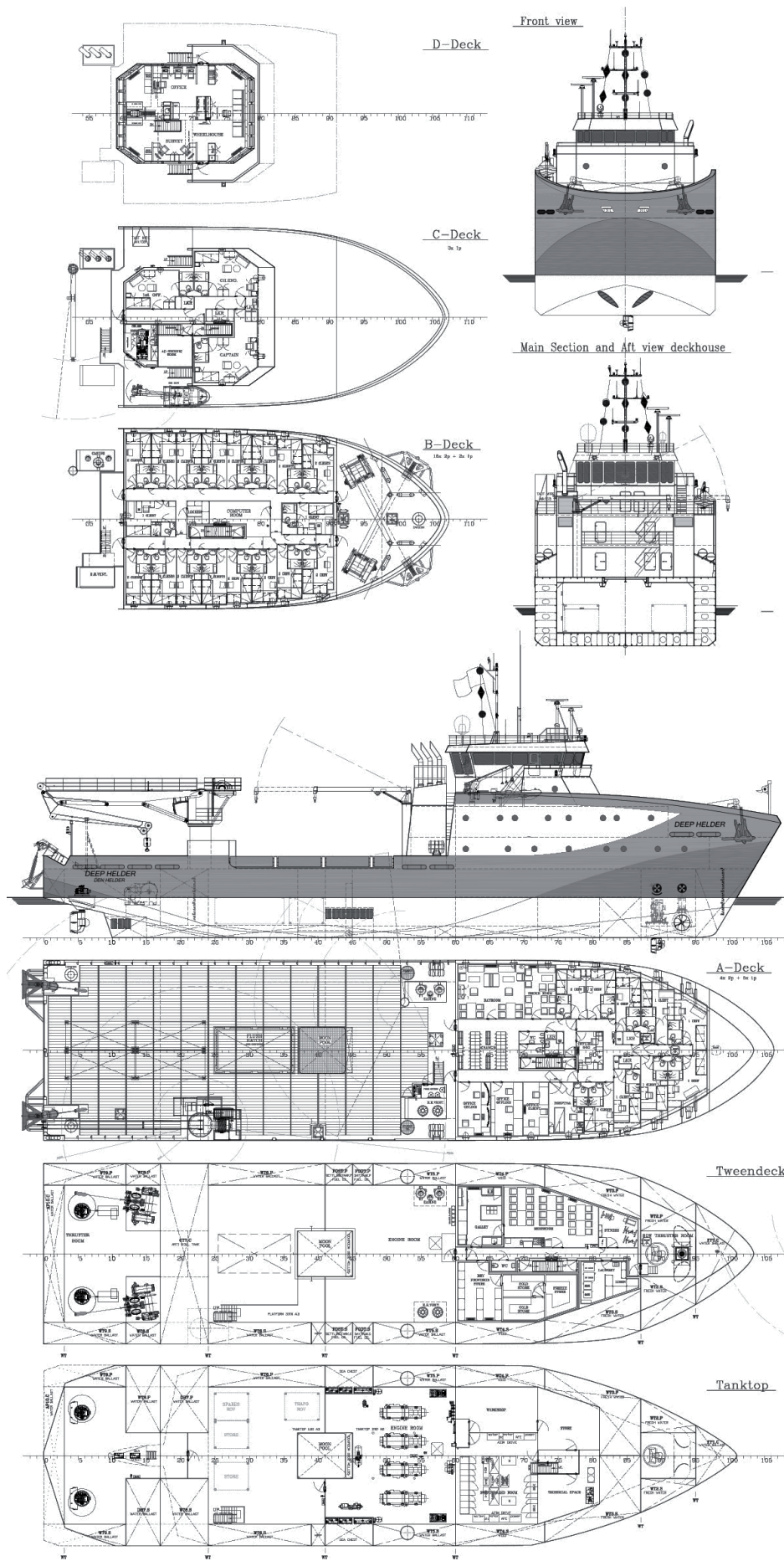
MOONPOOLS

MAIN DECK	4 m x 4 m
MOON TUBES	2 x 1,2 m diameter (Port / Starboard)

ACCOMMODATION

TOTAL BUNKS	50
SINGLE MAN CABIN	10
TWO MAN CABIN	20
WORK SPACES	1 x Survey Room 1 x Server Room 1 x Client Office 1 x Ships Office 1 x Meeting Room 1 x Changing Room
RECREATIONAL SPACES	1 x Day Room 1 x Mess Room 1 x Gymnasium Room





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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.

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