



CONSTRUCTION / CLASSIFICATION

Vessel built by	Samsung C&T corporation ZPMC - Shanghai Zhenhua Heavy Industries Co.Ltd
Year of construction	2013
Classification	Bureau Veritas Special service, Multi-Purpose Vessel, Unrestricted navigation. CPS(WBT), AUT-UMS, SYS-NEQ-1, ALM , STRENGTHBOTTOM , INWATERSURVEY, DYNAPOS AM/AT R
IMO	9650212
Flag	Cyprus

FEATURES

Ready for immediate mobilization of trenching spreads (CBT2400 and TROV107) including WROV and survey support
Dynamic positioning system DP2-K-pos 8.5
Diesel electric propulsion system
Two engine rooms
Beaching capability
Two boat Landings PS and SB
FRC rescue craft
BWTS
Helicopter deck
Accommodation on fore ship, total for 98 persons

Accommodation	104 Berths 12x Single 46x double cabins
Client & office facilities	1 x Deck office 1 x Ships office 1 x Client office 1 x Project office 1 x Survey office
Hospital	1 x Investigation bed and 1 x Berth for long stay
Mess room	36 Seats
Recreation facilities	Gymnasium TV lounge Game lounge Smoking lounge

MAIN DATA

Length overall	99.00 m (excl. heli deck)
Breadth	30.00 m
Moulded depth	7.00 m
Design draught	4.80 m
Displacement at max. draught	12,287 t
Max. sailing speed	11.5 kn
Total installed power	7,500 kW
Deck strength	15 t/m ²
Draft max.	4.70 m

Draft max @ DP	6.85 m (retractable thrusters deployed)
Fuel oil	Approx. 2,250 m ³
Potable water	Approx. 1,000 m ³

PROPULSION AND MAIN SYSTEM

Main engine	MTU, 2x 1560 kW, 2x 2080 kW
Propulsion	Thrustmaster, 2x azimuth thruster 1,250 kW
Azimuth thrusters	Thrustmaster, 2x retractable thruster 1,000 kW
Bow thruster	Thrustmaster, tunnel thruster 550 kW

ELECTRIC POWER GENERATION

Main generator	2x 2,000 kW 2x 1,500 kW
Emergency generator	1 x 254 kW

DYNAMIC POSITIONING SYSTEM

DP System	DP2 - Kongsberg Maritime K-Pos 8.5
Reference system	1 x Kongsberg HiPAP 501 2x Trimble DGNSS 1 x Septentrio DGNSS 1 x Wärtsilä SceneScan 1 x Wärtsilä CyScan

DECK EQUIPMENT

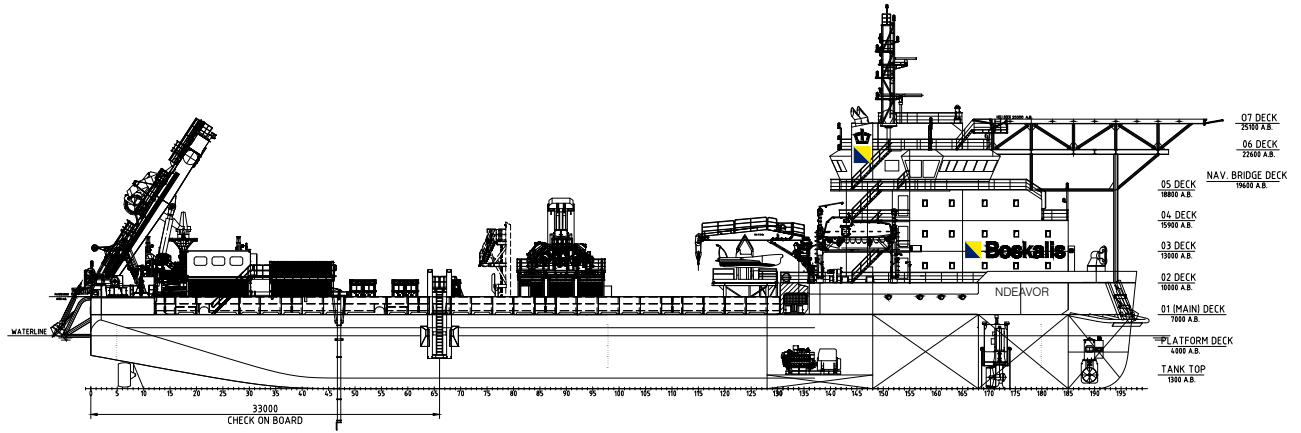
Main crane	TTS Offshore solutions Knuckle Jib crane 35 t @ 20 m, 17,5 t @ 30 m
Provision cranes	2x SWL 7 t @ 10 m
Auxiliary crane	Fassi Crane Foldable knuckle boom Fixed hook 4.0 t @ 13.2 m, 10.4 t @ 5.5 m Winch 3.8 t @ 13.2 m
A-frame	100 t SWL With stabilizing frame for L&R
AHC Winch	100 t Active heave compensated winch for L&R of CBT2400

MOORING SYSTEMS (OPTIONAL)

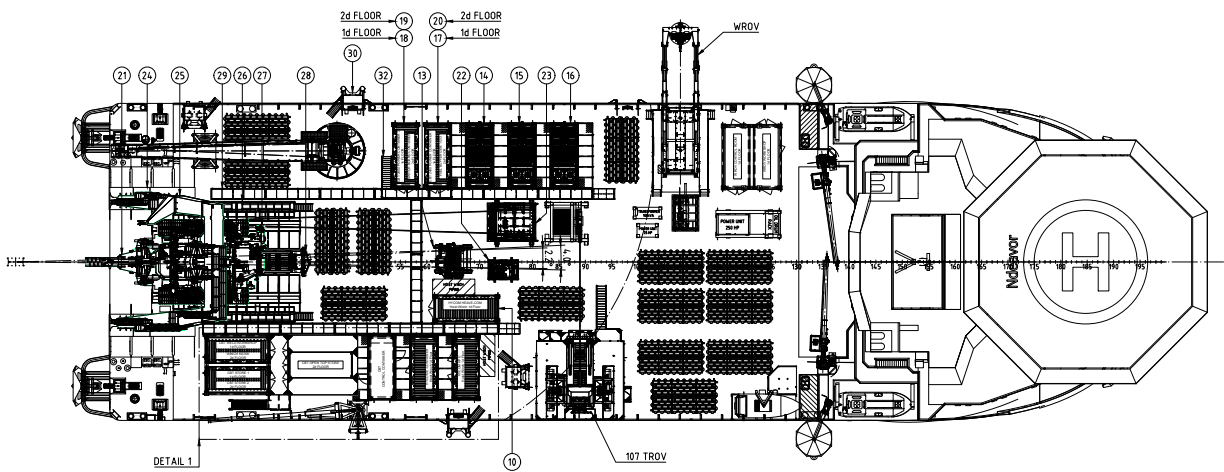
DMT mooring winch system
6-point mooring system with DP
capabilities
6 x 60 t winches

ROV SYSTEMS (OPTIONAL)

ROV	1 x WROV
Trenchers	1 x SMD CBT2400 1 x TROV 107



SIDE VIEW



TOP VIEW DECK LEVEL



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