DP3 OFFSHORE HEAVY LIFT INSTALLATION VESSEL - SUSTAINABLE INSTALLER

CONSTRUCTION / CLASSIFICATION	
Delivery	
"Sustainable Installer I"	1st quarter 2024
"Sustainable Installer II"	Optional
Classification	DNV-GL Crane Vessel

CRANE FEATURES and CARGO	
Dual Lifting Capacity option A	2 x Offshore Main Mast Cranes
Main block Auxiliary block Whip hoist (double fall) Whip hoist (single fall)	4.000 mt @ 28 m radius 1.200 mt @ 49 m radius 100 mt @ 95 m radius 45 mt @ 95 m radius
Dual Lift Capacity	2 x Offshore Main Mast Cranes
Main block	6.000 mt up to 28 m radius
Auxiliary block	2.400 mt up to 49 m radius
Lift Height above Deck	2 x Offshore Main Mast Cranes
Main block	115 m @ 25 m radius
Auxiliary block	125 m @ 30 m radius
Whip hoist (double fall)	135 m @ 22 m radius
Single Lift Capacity option B	1 x Offshore TUB - Crane
Main Block Auxiliary block Whip hoist	6.000 mt up to 36 m radius 1.500 mt up to 94 m radius 400 mt up to 154 m radius
Lift Height above Deck	1 x Offshore TUB - Crane
Main block	144 m @ 36 m radius
Auxiliary block	171 m @ 38 m radius
Cargo Deck	8.500 m2
Total VDL on Deck	15.000 mt
Deck strength	30 t/m^2
Auxiliary Cranes	2 x Offshore Knuckle Boom Crane
Main block Support Gripper mode	85 mt up to 19 m radius 42 m radius

WORLD WIDE OPERATIONAL CAPABILITIES	
Offshore Wind	Ultra large XXL Monopiles, Jacket foundations and other infrastructures up to 6.000 mt
O&G Installation & Decommissioning	all types of infrastructures up to 6.000 mt in shallow, deep and ultra-deep waters

MAIN VESSEL DATA	
DP Classification	DPS 3 DYNPOSAUTRO
DP Reference	
Acoustic	2 x Kongsberg HiPaP
DGPS	2 x Kongsberg 4D DGPS
LTW	2 x Kongsberg Tautwire
Vessel to Vessel transfer mode	2 x Fanbean
Accommodation	150 persons (upgradable to 200)
Vessel Dimensions	
Length o.a.	236 m
Width	56 m
Operating draft	11 m
Installed Power	
Main engines	6 x 5.800 kW
Auxiliary engine	1.110 kW
Propulsion	Transit Speed - 12 Knots
Retractable thrusters	4 x 5.5 MW Canister Box
Fix propulsion thrusters	2 x 5.5 MW
Bow thrusters	2 x 2.2 MW
Mooring System (optional)	Eight Point System
Ballast Capacity	4 x 2.000 m^3/h
Anti-Heeling System	10 x 2.200 m^3/h
Helideck	Rated for Sikorsky S92

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