



OOS INTERNATIONAL B.V.

SEMI SUBMERSIBLE CRANE / ACCOMMODATION UNIT



revision 4.5

OOS SEROOSKERKE
OOS WALCHEREN



2 x Huisman Heavy Lift Cranes 2.200 t @ 22,1 m for Tandem Lift of 4.400 t and Subsea Installation with Active Heave Compensation of up to 5,0 m stroke

OVERVIEW

Semi-Submersible Crane Vessels OOS Serooskerke and OOS Walcheren are multifunctional assets with the ability to offer various services such as: Accommodation, Heavy Lifting, Installation, Modification, Decommissioning, Renewables and Subsea Installation & Removal.

With first-rate station keeping abilities and large crane capacity of 4.400 t in tandem, heavy modules can be placed on the large open deck. In combination with offering the facilities of the Floatel, OOS can deliver turn-key solutions to meet your business needs.



SSCV HIGHLIGHTS

- Unique braceless design
- Hotel capacity is 750 persons on board
- Construction/crane vessel 2x 2.200 t
- Fast compressed air assisted ballast system for quick compensation during lifting operations
- Subsea construction and subsea support up to 3.000 m with Active Heave Compensation up to 5,0 m stroke
- Platform removal and installation
- High transit speed of 11 kn
- DPS-3 with enhanced EHS-P notation
- Excellent proven motion and stationkeeping characteristics
- Low running costs and fuel consumption in both DP and Transit Mode due to close-loop (close bus bar) operation

SSCV SPECIFICATION

OOS SEROOSKERKE / OOS WALCHEREN

NAME AND BACKGROUND

Estimated delivery date	: OOS Serooskerke Q3 2019 OOS Walcheren Q2 2020
Builders	: China Merchants Heavy Industry
Flag/ Port of reg.	: Marshall Islands

GENERAL

Classification	: ABS
Notation	: ✱A1, Column Stabilized Unit, Crane Service, Construction & Maintenance Service, Accommodation Service, ✱AMS, ✱ACCU, ✱DPS-3, EHS-P, ENVIRO-OS, UWILD, IHM, CRC, (HC-SUBSEA-PL,OC), HAB+(MODU), SKP, PMP+, EGC-SCR, ISQM, BWT+
IMO	: 9826512
Length	: 137,75 m
Beam	: 81,0 m
Depth molded	: 12,0 m
Main deck height	: 42,80 m from keel
Deck box height	: 12,8 m
Transit draught	: 11,3 m (excl. thrusters)
Operating draught	: 20,0 m (excl. thrusters)
Heavy lift draught	: 22-26,4 m (excl. thrusters)
Lightship weight	: 37.800 t

CARGO CAPACITIES

Clear deck space	: 3800 m ²
Deck Load	: 15 ton/m ²
Variable Deck Load	: 6.037 t
Transit Pay load	: 3.357 t
Fuel	: 2.828 t
Potable water:	: 1.642 t
Lub oil	: 77,5 t

MACHINERY/PROPULSION

Main Gensets Engine	: 8 x STX 8L32/40 MCR 4.000 kW
Propulsion	: 6 x 3.8 mW Thrustmaster Fixed Pitch Azimuth Thrusters Underwater Demountable
Steering	: Azimuth Thrusters
Speed	: 11 kn
Power Management System incl. DPS	: Kongsberg Marine

SAFETY

Life boats	: 10 x 150 POB
Life rafts	: 30 x 25 POB for total 750 POB

ACCOMMODATION

750 POB	: 1-Man cabin: 90 : 2-Men cabin: 318 : 4-Men cabin: 6 101 cabins with day light
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DECK MACHINERY

Heavy lift cranes	: 2 x 2.200 t @ 22,1 m, Huisman Capable of tandem lift 4.400 ton and for Subsea Operations up to 3.000 m with Active Heave Compensation up to 5,0 m Stroke
Service Cranes	: 1 x 36 t @ 23,5 m, Huisman 1 x 60 t @ 38,0 m, Huisman
Gangway	: Telescopic – Hydraulic Type, Huisman Nominal Length 39,0 m, Stroke +7,5 m / -7,5 m
Towing	: 4 x SMIT Tow Brackets
Mooring	: (Optional) 8 point mooring system 1.500 m 76 mm wire
ROV	: (Optional) 2 ROV units
Diving	: (Optional) SAT Diving Spread



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international



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