

Multi-Purpose Diving Support Vessel.

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PRINCIPAL PARTICULARS

Year Built:2019

Class:DNVGL

Notation:+1A1,ICE-1C,DSV-SAT,DSV-SURFACE,DYNPOS

AUTRO,DYNPOSE ER,EO,SF,DK(+),COMF V(3),BIS,FiFi II,BWM-T,

NAUT-OSV(A),SUPPLY VESSEL(Hull Only),HELDK-SH(CAA-N),

RECYCLABLE,OFFSHORE SERVICE VESSEL+,CLEAN DESIGN,SPS 2008,

COMPLIANCE WITH MODU CODE AND MOU REGULATIONS.

Design: SAWICON

Length Overall:145.9m

Breadth Moulded: 27.0m

Depth Moulded: 11.30m

Draught: 7.5m

Deadweight: 8500tons

PROPLUSION SYSTEM

6 x 2,600kW,6.6KV,3Ph,60HZ.

Emergency/Harbour Set 860kW

Dive Emergency Gen Set 860kW

Complete with SIEMENS Dual In Feed Concept.

Fixed pitch,Variable Speed

3,000kW x 3set fully azimuth thrusters AFT

2,500KW x 1 set fully azimuth retractable thruster FWD

2,680kW x 2sets Tunnel Thrusters FWD.

CRANES

400t Offshore Rated Knuckle Boom Crane:

400t single fall with AHC/AT Main Hoist Winch.

Both with working operating depths of 3,000m(Single fall).

25T Offshore Rated Knuckle Boom Crane:

25t Single Fall with AHC/AT Hoist winch.

Working Operating depth of 600m.

10t Offshore Rated Telescopic Crane(Pt side&Stbd side.)

Suitable for hoop diving requirements.

Full Anti-Heeling System Installed.

2 x Active Roll reduction tanks installed.

ACCOMMODATION

POB of 200 Persons meeting MLC 2006 regulations.

20 x single cabins.

8 x double cabins

41 x two+two(Pullman bunks)

Can be easily reconfigured,at client request.

DIVING SYSTEM & SPREAD

24man,Fully Automated,DRASS 300MSW Diving System:

Twin Bell and Twin 24man SPHL's

Full NORSOK Capabilities/DNVGL Classed

High Efficiency Diver and Chamber Gas Reclaim Systems

Total Gas Storage of approx. 40,600Nm3

Dedicated for a significant wave height of 5.5m with heave compensation.

3 diver air/nitrox surface diving spread(Pt Side):

2 x Dedicated A-Frame LARS(1 x Main and 1 x standby Diver)

1 x Dedicated A-Frame Tooling LARS(With 2 x CT and 1 x Standard winch)

1 x Dedicated Triple Drum Winch(for hose deployment)

Hoop Diving Facilities Prepared for operating 33m from ship side.

ROV HANGARS

Fully Equipped to supply all services to 2 x A-Frame or Gantry Launch WROV's Systems.

KONGSBERG DP SYSTEM

Main DP – K-Pos DP-22(+K-Thrust and K-Chief).

Alternative DP – K-Pos DP-12

Emg Back Up – K-Pos DP-12

DP Reference System:

3 X DGPS,1 x Radius,1 x Cyscan,

2 x wind sensors,4 x Gyros, 4 x MRUs.

1 x Transponder Deployment system(3,500m)

2 x Spare HiPAP Trunks.

DP3 and DP Enhanced Reliability(ER) = Maximum Flexibility When

Considering Operational Requirements

ERN 99,99,99,99

Wheelhouse:Kongsberg K-Master system

Kongsberg K-Bridge system

2 x VSAT Domes.

MOONPOOLS

Diver Moonpool:

2 off – 5.4m x 4.2m Located Pt and Stbd.

Working Moonpools:

7.2m x 7.2m Strengthened for Vertical Lay Tower system.

Working Moon Pool area 50t/m2.

HELIDECK

Diameter:28.75m/MTOW:15.6t(\$61/\$91/EH1010)

Compliance with: UK CAA,NMD,DNV AND CAP437.