

# 97.8M DIVING SUPPORT VESSEL

## (WH-97.8M DSV)



### CLASSIFICATION NOTATION

ABS ⌘ A1, Offshore Support Vessel (DSV AIR/SAT, ROV, FFV1, SPS), Ⓢ, CR, ⌘ AMS, CRC(OC-PL),  
 ⌘ DPS-2, HELIDK, HVSC, LVSC, UWILD, ENVIRO, IDM-A, SMART(INF, MHM TIER2, SHM TIER 2), HYBRID[LEE, PMT, PBU], HAB(WB)

### MAIN CHARACTERISTICS

Length O.A.	97.80 m
Length B.P.	89.30 m
Breadth MLD	23.20 m
Depth MLD	8.60 m
Design Draught MLD	6.00 m
Summer Draught MLD	6.50 m
Service Speed(	11.00 knot
Deck Cargo Capacity	1500 t
Clear Deck Area	~650 m <sup>2</sup>
Deck Loading	7 t/m <sup>2</sup>

### FUEL CONSUMPTION

Service Speed (85%MCR)	27.0 t/d
DP Mode(Diving Operation)	20.8 t/d
DP Mode(Non Diving Operation)	12.7 t/d

### COMPLEMENT

Total Accommodation	120 men
Single Bunk	26
Double Bunk	19
Four Bunk	14
Prayer Room	01
Officers	03
Gym	01

### CAPACITY

Fuel	1200 m <sup>3</sup>
Fresh Water	500 m <sup>3</sup>

### LIFE-SAVING APPLIANCE

Full Enclosed Life Boat	2 x 60 P
Rescue Boat	1 x 8 P, with Davit
Life Raft	6 x 20 P, with Davit

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## MAIN MACHINERY

Main Generator	7 x 1800 kW
Emergency Generator	2 x 530 kW
Main Thruster	2 x 2500 kW
Tunnel Thruster	2 x 1200 kW
Retractable / Tunnel thruster ( Combi )	1 x 1200 kW
Hybrid Power System	2 x 800 kWh ESS

## DECK CRANE

Main Crane	AHC 1 x 100 t @ 12 m, 300msw
Aux. Crane	1 x 60t @ 18 m(Optional)

## HELIDECK

Suitable Type	Sikorsky S-92A
D – value	22m
T – value	12.6 t
Design	CAP-437 9th Edition
FiFi System	DIFFS

## DIVING EQUIPMENTS

- 1 x ROV - Seaeye Cougar XTi or equivalent with LARS
- 12 Men SAT Diving System, 300msw( Integrated )
- 2 x AIR Diving System LARS, with 1 x DDC
- 1 x Self Propelled Hyperbaric Lifeboat & Davit

## NAVIGATION

Radar	2
Gyro Compass	3
AIS & DGPS	1
Echo Sounder	2
Speed Log	1
Autopilot& Magnetic Compass	1
ECDIS	1
Chart Plotte	1
CCTV with SMART System	1

## COMMUNICATION & ENTERTAINMENT

GMDSS	1
VHF Radio	1
VHF Hand-held	1
EPIRB NAVTEX Receiver	1
VSAT ( 2 ) & Star link	1
PA / Intercom System	1
TVRO	1

## DYNAMIC POSITIONING SYSTEM

KONGSBERG K Pos DP 22	1
1 X RADIUS;2 X Spot Track;2 x Light Weight Taut Wire reference system;1 X HiPAP	