

# Walk-to-Work Vessel OSV



## Basic functions

## Stable DP-2 vessel providing:

- Offshore accommodation
- Motion compensated personnel transfer
- Motion compensated crane works
- Helicopter transfer
- Daughter craft assistance

Flag/Port

Isle of Man, Douglas

Shipyard/Year

Damen / tbd

Shipowner

Seafox Contractors

## MAIN PARTICULARS

Length (o.a.)

90.25 m

Length (b.p.)

84.90 m

Breadth (mld)

20.00 m

Depth (mld)

8.00 m

Draught (design)

4.80 m

Deadweight

2500 t

Gross Tonnage

5000 t

Maximum Deckload

1000 t (VCG at 1 m above deck)

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## GENERAL

Classification	DNV +1A1
Notation	COMF-V/C3, DYNPOS-AUTR, CLEAN DESIGN, DK(+), E0, SPS, NAUT-OSV(T), BWM-E, LFL
Optional notation	ICE-C, HL 2,5, FIF11, COMF-V2, OILREC, CRANE, BWM-T, HELDK-S, standby vessel

## ACCOMODATION

Total POB (NORSOK, single berth)	59
Total POB (double berth)	86
Crew single berth cabins	11
Crew double berth cabins	2
Client single berth cabins	21
Client double berth cabins	25
Additional living quarters	Offices, conference room, recreation-dayrooms, reception room, hospital, drying room, sauna, fitness -all cabins provided with ensuite sanitary, internet telephone and satellite tv

## DECK EQUIPMENT

Deck Area / Strength	>500m <sup>2</sup> , +5 Te/m <sup>2</sup>
Deck Dimensions	40.8x 15.4m
Access system	1x Motion compensated Access system complying with performance conditions - several makes possible
Offshore crane	1x motion compensated offshore knuckle boom crane, max 15 mT at 10 m, 5 mT at 20 m. Crane lifting height (from deck) 25 m or 1x 50 mT heave compensated offshore knuckle boom crane - several makes possible
Daughter craft vessel	Max.12 m/ 24 pers./12 tons/single point

## LIFE SAVING EQUIPMENT

MOB / FRC	1x FRC, max 15 persons
Life boats	2x SOLAS Type (optional)
Life rafts	6x 25 pax (or as per solas req.)

## HELICOPTER FACILITIES

Helicopter deck capacity	The helideck has a 20.9 m diameter, suitable for a Sikorsky S-92 helicopter, max weight 12.8t. Compliant to DNV class HELDK-SH, IMO regulations and CAP437
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## PERFORMANCES

Maximum Speed	14.0 kn.
Economical Speed	12.0 kn.
DP/Access system Conditions	3.1 m significant wave height, 13.3 m/s wind speed, 0.5 m/s current ≥ERN 99,98,93,90 (client demand)
Autonomy	30-40 days

## PROPULSION SYSTEM

Main engines	Diesel-electric, 690 V, 60 Hz
Main Thrusters	2x 2150 kW azimuth thruster ekW
Bow thrusters	2x 600 kW tunnel thruster
Bow Thruster	1x 600 kW retractable thruster

## AUXILIARY

Distribution	690 V, 440 V and 230 V - 60 Hz
Main generator sets	5 pcs. - total installed electric power approx. 5700 ekW
Emerg./Harbour generator set	TBD
Anchor mooring winch	Foredeck; 2x electric, with rope drum and warping head aftdeck; 2x capstan 5t pull each
DP-system	DP-2 with DGPS, hydro-acoustic and laser reference
GMDSS	Area A3
Bunker station	PS/SB aft, FO, FW, DW, Brine, Slop, Me

## TANK CAPACITIES

Fresh Water	679 m <sup>3</sup>
Water Ballast	960 m <sup>3</sup>
Brine	373 m <sup>3</sup>
Mixed use tanks	120 m <sup>3</sup>
Slop Water	120 m <sup>3</sup>
Fuel (MDO)	935 m <sup>3</sup>
Roll Reduction Tank	200 m <sup>3</sup>
Miscellaneous	287 m <sup>3</sup>