



MP625 SOV

The **MP625 SOV** is a DP-2 class vessel designed to support offshore wind farm activities in unrestricted navigation areas with long endurance capability, up to 365 days a year. It is a battery-hybrid vessel, allowing to remain in DP for a period of time using only batteries.

Key features: high hydrodynamic efficiency, low fuel consumption, redundancy, good intact and damaged stability, large usable cargo-deck area, superb seakeeping, ergonomics and comfort on board for crew and technicians. Shallow water operation capability and high maneuverability.

Allows transferring both people and cargo, in Hs=4 m, using an offshore passenger transfer system with lift. The vessel is equipped optionally with a daughtercraft to broaden the working capability.

The **MP625 SOV** vessel is designed to meet all the needs of the technicians: each technician has a single cabins, the vessel have multimedia meeting room, rest & recreational areas, warehouse and workshop.

MAIN PARTICULARS

| | |
|--------------------------------|----------|
| LENGTH OVER ALL | 64.12 m |
| LENGTH WATER LINE | 64.00 m |
| BREADTH MAX | 20.80 m |
| DRAUGHT MAX | 3.10 m |
| DEPTH | 6.70 m |
| MAX SPEED | 21 knots |
| RANGE | 28 days |
| TECHNICIANS | 20 |
| CREW | 15 |
| COMF-V1 for Technicians cabins | |
| COMF V2 for rest of the vessel | |

EQUIPMENT

MOB recovery equipment
Lift and Safeway Gannet passenger transfer system
Warehouse with transversal cranes lifting up to 1 ton
CCTV system

POWER PLANT

| | |
|-----------------|---|
| MAIN ENGINES | 3x MAN D2862 LE489 1066 kW @ 2100 rpm+ MAN hybrid pack 400 kW (IMO Tier III/ EPA Tier IV) |
| INSTALLED POWER | 4398 kW |
| PROPULSION | 3 x Fixed Pitch Propeller |
| BOW THRUSTERS | 1 x Bow thruster 200 kW 2x Bow retractable thrusters 300 kW 2x Aft retractable thrusters 100 kW |
| GENERATOR SETS | 2 x MAN 665 kW each 1 x CAT C4.4 / 99 kW |
| BATTERY PACKS | 32 x Corvus Dolphin Power - 2.4 MW |

CAPACITIES

| | |
|-------------|--------------------|
| FUEL OIL | 250 m ³ |
| FRESH WATER | 112 m ³ |
| CONTAINERS | 6x 20 feet |



OTHER EQUIPMENT

Daughtercraft Palfinger FRSQ 1000 (optional)
Fast rescue craft and davit
Motion compensated crane

DESIGN CRITERIA

| | |
|---------------------|--|
| Operational areas | Worldwide operations, except for Artic areas |
| Dynamic positioning | Capable to remain on position up to Hs=4 m |
| Transfer system | Continuous people flow up to Hs=3.5 m |

Possible conversion to electric vesse

INTERIOR DESIGN

WAREHOUSE AREA



WORKSHOP AREA



SINLGE BERTH CABIN



LOUNGE AREA





GYM





WHEELHOUSE

