Multi Purpose DP2 Support Vessel “ZWERVER I”

Shallow Draft

DP2 equipment:
- Transfer pumps
- Hydraulic power
- Emergency Gen
- Generator sets
- Auxiliary systems:
  - Max. Speed
  - Performances:
  - Bow thrusters
  - Propulsion
  - Main engines
  - Total propulsion
  - Grey water
  - Dirty oil
  - Hydraulic oil
  - Technical water
  - Fresh water

Technical data:
- Max. deck load
- Draught min.
- Depth ½ L
- Length o.a.
- Dimensions:
  - 10 m
  - engine room
  - 4000 l/min, with connections on deck/store-
  - Transfer hoses on reels and indicators
  - Fuel & fresh water
  - 60 Cummins 6BT 5.9 91 kW
  - All sets deliver 230/400 V
  - 2 x Volvo Penta D13 312 kW each
  - 2 x Mitsubishi S12R 650 kW each
  - 2 x Mitsubishi S12R 1080 kW each

Naval Architecture:
- 69,0 T Certified
- 4011, Fanbeam Laser Radar MK4, Taut wire (opt), USBL (opt):
  - 5.280 kW
  - 35.00 m
  - 23.00 m
  - 8.00 m
  - 8.00 m
  - 1000,00 m
  - 232.00 m
  - 595.00 m

Safety:
- 2.40 m
- 5.40 m

Offshore construction projects, vessel can act as:
- Walk-to-Work vessel/Offshore Access/Maintenance support vessel
- for facilities, platforms, O&G bases and other floating equipment;
- Diving support vessel on 4-pnt mooring, Speak or on DP-2;
- General support vessel;
- Anchor-handling vessel/O汀shag/rov-pulling;
- Cable-lay/bag vessel;
- SPMT-base installation vessel;
- Anchor-handing installation vessel 307 T winch pull;
- Supply vessel;
- Heavy lifting/maintenance vessel;
- Survey/ROV support vessel;
- Cable lay/tug/rov;

References:
- An extensive reference list of dredging- and marine construction companies shows the many years of experience in the offshore industry.
- Examples are:
  - Allies Marine Contractors
  - CABLELay
  - Van Oord Offshore & Marine Contractors BV
  - Van Oord Offshore Wind Projects BV
  - Rodeck BV
  - Saipem SA
  - Mc Dermott International
  - Prysmian Powerlink Services Ltd.
  - Van Oord Offshore Wind Projects BV

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Suitable projects for this vessel

Wind farm/Renewable Energy projects, vessel can act as:
- Walk-to-Work vessel/Offshore Access/Maintenance support vessel
- for facilities, platforms, O&G bases and other floating equipment;
- Diving support vessel on 4-pnt mooring, Speak or on DP-2;
- General support vessel;
- Anchor-handling vessel/O汀shag/rov-pulling;
- Cable-lay/bag vessel;
- SPMT-base installation vessel;
- Anchor-handing installation vessel 307 T winch pull;
- Supply vessel;
- Heavy lifting/maintenance vessel;
- Survey/ROV support vessel;
- Cable lay/tug/rov;

Deck lay-out

Below Deck Lay-out

Overview/drawings
**Lifting capacities SB aft Offshore crane**

<table>
<thead>
<tr>
<th>Distance from Base</th>
<th>Single Fall</th>
<th>Double Fall</th>
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<tbody>
<tr>
<td>5.00 m</td>
<td>5.000 kg</td>
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<tr>
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**Lifting capacities PS midships crane**

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<tr>
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**Shallow Draft 2.3 m**

- Spud poles
- 68 x 24 m
- 58 Pax

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