Multi Purpose DP-2 Support Vessel “ZWERVER I”
Shallow Draft

IN SERVICE: 06/2020

Suitable projects for this vessel

Wind farm/Renewable Energy projects:
- Wave-to-Wave vessel
- Offshore Access/Maintenance support vessel
- For turbulence platforms and other floating equipment.
- Diving support vessel on 4-point mooring, Spud or on DP-2.
- General support vessel.
- Anchor handling vessel.
- Cable (Pipe lay) vessel.
- Supply vessel.
- Survey / ROV support vessel.
- Cable lay/landing.
- Cable inspections.
- Pipe line inspections.
- Mattress installations.
- Pre-lay/Post-lay.
- CBI/Science operations.
- Beach pull operations.
- Vessel can ground out!

Offshore construction projects:
- Work to Work vessel.
- Offshore Access/Maintenance support vessel
- For turbulence platforms, SPM buoys and other floating equipment.
- Diving support vessel on 4-point mooring, Spud or on DP-2.
- General support vessel.
- Anchor handling vessel.
- Cable (Pipe lay) vessel.
- Supply vessel.
- Survey / ROV support vessel.
- Cable lay/landing.
- Cable inspections.
- Pipe line inspections.
- Mattress installations.
- Pre-lay/Post-lay.
- CBI/Science operations.
- Beach pull operations.
- Vessel can ground out!

References:
An extensive reference list of dredging and marine construction companies
shows the many years of experience in the offshore industry.
Examples are:
- Almaca Marine Contractors
- DSDV BV
- Van Oord Offshore & Marine Contractors BV
- Van Oord Offshore Wind Projects BV
- Boudal BV
- Solam BV
- Subsea 7
- Towray Marine & Offshore Contractors BV
- M. De Vries International
- Jan de Nul NV
- Van Oord Offshore & Marine Contractors BV
- DEME NV
- Allseas Marine Contractors
- Prysmian Powerlink Services Ltd.
- Jan de Nul NV
- Mc Dermott International
- Tideway Marine & Offshore Contractors BV
- Boskalis BV
- Van Oord Offshore Wind Projects BV
- DEEM NV
- Allseas Marine Contractors

Overview/drawings

Below Deck Lay-out

IN SERVICE:
NAVIS NAV DP

Fresh water maker: Air compressor
Transfer pumps
Hydraulic power
Generator sets
Auxiliary systems: Bollard Pull
Max. Speed
Bow thrusters
Propulsion
Aux engines
Main engines
Total propulsion
Propulsion system: Grey water
Hydraulic oil
Lub oil
Technical water
Fuel oil
Max. deck load
Draught max.
Draught min.
Depth ½ L
Breadth mld.

2 equipment:
- Multi Purpose DP

- 4011, Fanbeam Laser Radar MK4, Taut wire (opt), USBL (opt)

1500x1500

2 x Mitsubishi S12R 1080 kW each
2 x Caterpillar 3412e @ 537 kW each
- 66,0 T Certified
- 10,0 knots
- 2 x ZF Z
- 2 x f.p. propellers in nozzles, 2 x Ø 2000 mm
- 2 @ 1040 kW
- Caterpillar 3412e @ 537 kW each
- 5.280 kW
- 35.00 m
- 1000,00 m
- 232.00 m
- 3.50 m
- 5.40 m
- 24.00 m, excluding fendering

2 x ZF Z
- 2 x Jet
- 4000 @ 537 kW each
- 4000 @ 2400 kW
- 4 x 160 kW E Cummins 6BT 5.9 91 kW
- All sets deliver 230/400 V

- 2 x Caterpillar 3412e @ 537 kW each
- 5.280 kW
- 35.00 m
- 1000,00 m
- 232.00 m
- 3.50 m
- 5.40 m
- 24.00 m, excluding fendering

- 20 T AHC Single Fall
- 10 T
- 20 T @ 27 m, SS3
- 30 T double fall
- 15 T lifting single fall, 130 m wire
- SCALDON OKC
- HS Marine AKC
- 5 T Single fall, 60 mtr wire.
- 20 T @ 27 m, SS3
- 15 T, SS4
- 5 T Single fall, 60 mtr wire.
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### Crane drawings / diagrams Starboard side

<table>
<thead>
<tr>
<th>Distance from Base</th>
<th>5 T winch Single Fall</th>
<th>5 T winch Double Fall</th>
<th>Fixed Hook</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.85 m</td>
<td>10.000 Kg</td>
<td>20.000 Kg</td>
<td>0.000 Kg</td>
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<tr>
<td>8.00 m</td>
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<td>12.75 m</td>
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<td>16.30 m</td>
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<tr>
<td>20.00 m</td>
<td>14.000 Kg</td>
<td>28.000 Kg</td>
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<td>27.00 m</td>
<td>15.000 Kg</td>
<td>30.000 Kg</td>
<td>0.000 Kg</td>
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### Crane drawings / diagrams Port side

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<td>20.000 Kg</td>
<td>0.000 Kg</td>
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<tr>
<td>10.45 m</td>
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<td>19.25 m</td>
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**SCALDON ODC-40-27**

**Lifting capacities Starboard side**

**Lifting capacities Port side**

**SCALDON ODC-40-27**

**Lifting capacities Port side**

**ZWERVER I**

**Multi Purpose DP-2 Support Vessel**

**Shallow Draft**

**58 Pax**

**Spud poles**

**Moonpool 4.2 x 4.2 m.**

**68 x 24 m.**

**4 Point Mooring**

**Shallow Draft 2.3 m.**