## GENERAL

**Yard number**
553016

**Delivery date**
Q2 2017

**Basic functions**
Offshore transfers for special personnel and equipment by means of a motion comp. access system and heave comp. offshore rated crane on a stable DP-2 platform.

**Classification**
DNV-GL Maritime, notation:  1A1, Offshore Service Vessel, COMF(C2, V-2), DYNPOS(AUTR), Clean, SF, E0, DK(+), SPS, NAUT(OSV-A), BWM(E), Recyclable, BIS, HELDK, Crane

**Flag**
UK MCA, SPS 2008 Code

**Owner**
Bibby Marine Services Ltd

## DIMENSIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length o.a.</td>
<td>89.65 m</td>
</tr>
<tr>
<td>Length loadline (IMO)</td>
<td>84.95 m</td>
</tr>
<tr>
<td>Beam mld.</td>
<td>20.00 m</td>
</tr>
<tr>
<td>Depth mld.</td>
<td>8.00 m</td>
</tr>
<tr>
<td>Draught summer (base/ u.s.keel)</td>
<td>4.80 m / 6.30 m at fore ship</td>
</tr>
<tr>
<td>Deadweight at design draught</td>
<td>2400 t at 4.65 m</td>
</tr>
<tr>
<td>Cargo weather deck area</td>
<td>425 m² (11 slots for 20ft cont.)</td>
</tr>
<tr>
<td>Covered / conditioned warehouse areas</td>
<td>390 m²</td>
</tr>
<tr>
<td>Deck load (at 1 m above deck)</td>
<td>600 t</td>
</tr>
</tbody>
</table>

## TANK CAPACITIES (APPROX.)

<table>
<thead>
<tr>
<th>Description</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ballast water</td>
<td>1130 m³</td>
</tr>
<tr>
<td>Fuel oil (service + cargo)</td>
<td>545 m³ + 345 m³</td>
</tr>
<tr>
<td>Fresh w. (serv. / potable+ cargo)</td>
<td>180 m³ + 430 m³</td>
</tr>
<tr>
<td>Waste w. (holding / black / grey)</td>
<td>129 m³</td>
</tr>
</tbody>
</table>

## PERFORMANCES (APPROX.)

<table>
<thead>
<tr>
<th>Description</th>
<th>Speed/Speed*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (at summer draught)</td>
<td>13.0 kn</td>
</tr>
<tr>
<td>Economical speed</td>
<td>12.0 kn</td>
</tr>
<tr>
<td>ERN*</td>
<td>99, 99, 98, 97</td>
</tr>
</tbody>
</table>

## PROPULSION SYSTEM

**Main engines**
Diesel-electric, 690 V, 60 Hz

**Propulsion power**
2x elec. motors of approx. 2150 kW each

**Azimuthing thrusters**
2x FP propellers in nozzles

**Bow thrusters**
2x 860 kW fixed + 1x 860 kW retractable

## AUXILIARY EQUIPMENT

**Networks**
690 V, 440 V and 230 V - 60 Hz

**Main generator sets**
4 pcs. - total installed electric power 6434 e kW

**Emerg. generator set**
1 pcs. - 238 e kW

## DECK LAYOUT

**Offshore crane**
Knuckle boom crane 2t AHC/5t max swl.
Continuous access from warehouse to WTG provided via 2 tonne lift and Uptime 3D motion-compensated gangway. Gangway center platform fitted on height-adjustable pedestal.

**Access system**
Tuco Marine Pro zero 11m windfarm service boat. WTG access up to 1.2m Hs. D-factor 21 m, take-off weight 12 ton.

**Daughter craft vessel**
1 removable aluminium structure, can be fitted as per GA at SB or PS position.

**CTV landing facilities**
1 fixed steel landing structure at stern. 1 removable aluminium structure, can be fitted as per GA at SB or PS position. CTV refueling station at SB side.

**Anchor mooring winch**
Foredeck; 2x electric/hydraulic, with rope drum and warping head. Aft deck; 2x capstan 5t pull each

## LIFE SAVING EQUIPMENT

**Rescue craft**
1x FRC - 15 persons.

**Life rafts**
Numbers according regulations

## FACILITIES AND ACCOMMODATION

**Crew/ special personnel**
15-20x crew, 40-45x SP, all single cabins provided with internet, telephone and video entertainment (VOD and satellite TV). Optional double occupancy provides capacity for 30 additional POB.

**Other facilities**
6 Offices and 9 meeting/conference rooms for Charterer’s use.
2 Recreation-days, reception room, hospital, drying rooms (M/F), changing rooms (M/F), wellness area (gym and sauna).

## NAUTICAL AND COMMUNICATION EQUIPMENT

**Nautical**
Radar X-band + S-band, ECDIS, Conning, GMDSS Area 1, 2 and 3

**DP-system**
DP-2 with Radar scan, Laser and DGPS reference systems
DAMEN ACCOMMODATION SUPPORT VESSEL 9020
UNDER CONSTRUCTION

REV. 10 MEI 2016

Registered at the Chamber of Commerce, no. 22036357, under the name BV Scheepswerf Damen Gorinchem.
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