Design highlights

- Transports liquid cargo, bulk cement, liquid mud, stores, materials and equipment
- Moves personnel and materials between platforms
- Capable of 24hr/day continuous operation and remaining on station for a minimum of 35 days

SPECIFICATION IN BRIEF

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length overall</td>
<td>78.20 m</td>
</tr>
<tr>
<td>Breadth mid</td>
<td>18.50 m</td>
</tr>
<tr>
<td>Deck area</td>
<td>600 m²</td>
</tr>
<tr>
<td>Speed</td>
<td>15.5 knots</td>
</tr>
<tr>
<td>Bollard pull</td>
<td>150 tonnes</td>
</tr>
</tbody>
</table>
TECHNICAL SPECIFICATION

MAIN DIMENSIONS
Length overall: 78.20 m
Breadth mid: 18.50 m
Depth mid: 8.00 m
Draft designed: 6.00 m
Cargodeck area: 600 m²

CAPACITIES
Deadweight, draft: approx. 3000 tonnes
Fresh water: 580 m³
Ship’s fuel oil: 575 m³
Cargo fuel oil: 850 m³
Cement: 300 m³
Liquid mud/brine/base oil: 750 m³
Methanol: 160 m³

PERFORMANCE
Speed: 15.5 knots
Bollard pull: 160 tonnes

DECK EQUIPMENT
- Deck crane (5t SWL @ 15m radius)
- Anchor windlass/mooring winch (7.6 kN @ 13.5 m/min.)
- Anchor handling/towing winch (low pressure 3500/1400 kN @ 10-20 m/min.)
- Tugger winch (2 x 170 kN @ 21 m/min.)
- Capstan (2 x 100 kN @ 25 m/min.)
- Anchors (2 x 2296 kg)

MACHINERY AND PROPULSION
- Main engine (2 x Wärtsilä 9L32/4600 kW each)
- Shaft alternator (2 x 1900 kW)
- Main generator (2 x 610 kW diesel driven)
- Emergency generator (95 kW)
- Propeller (2 x CPP, 4.1m dia. each)
- Bow thruster (2 x 850 kW)
- Stern thruster (2 x 700 kW)

ACCOMMODATION
Accommodation for 44 persons, comprising of:
- 10 x 1-man cabins
- 17 x 2-man cabins

CLASSIFICATION
Class NK, NS* (OSV, AHV, TV, ORV, FFV, 1)
(DPS b) (IWS) (PSCM) (NVC.C), MNS* (M0)

REFERENCES
Owner: Executive Offshore Pte Ltd
Shipyard: Colombo Dockyard PLC

wartsila.com/shipdesign shipdesign@wartsila.com

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