










# ZHONG REN 121/122

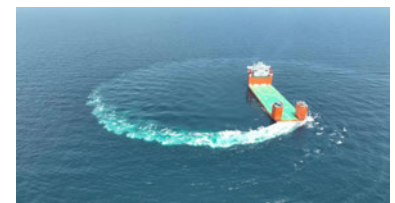


Versatile submersible vessels for shipping plus services – a perfect fit for the offshore energy and logistics infrastructure industry

## Vessel Highlights



<b>Speed &amp; Ballasting Capacity</b>		<ul style="list-style-type: none"> <li>» &gt;14 kn Design Speed</li> <li>» Average: 12 kn Full Speed / 10 kn Eco Speed</li> <li>» Main ballast pumps: 4 x 3,400 m³/h</li> </ul>
<b>Cargo Deck</b>		<ul style="list-style-type: none"> <li>» Large cargo deck - Deck area: 5,300 m²</li> <li>» Two Removable Buoyancy Casings</li> </ul>
<b>Transport Capacity</b>		<ul style="list-style-type: none"> <li>» Designed with a deadweight capacity of 26,000 t, for carrying large cargoes such as TLP's topsides, cranes, bridge sections and other floating or non-floating structures</li> </ul>
<b>Deck Strength</b>		<ul style="list-style-type: none"> <li>» High strength according to class and practical needs</li> <li>» Weight spreading efforts reduced</li> <li>» Deck load: 25 t/m²</li> </ul>
<b>QHSE</b>		<ul style="list-style-type: none"> <li>» QHSE optimized and friendly work environment</li> <li>» Safety, health and comfort for crew and clients</li> </ul>
<b>Submerging Capacity</b>		<ul style="list-style-type: none"> <li>» max. Submersible draught: 21.4 m</li> <li>» max. Water height over deck (submerged): 10.5 m</li> </ul>
<b>Manoeuvrability &amp; Redundancy</b>		<ul style="list-style-type: none"> <li>» Dynamic Positioning System - Class 2 (DP2)</li> <li>» High manoeuvrability at port and also at offshore field</li> </ul>



## Vessel Highlights

Year built	2022	Design draught	7.5 m
Deadweight	25,761 t	Max. submerging draught	21.4 m
GT / NT	26,225 t / 7,867 t	Max. water height above deck (submerged)	10.5 m
Dimension of deck	133.0 m x 39.8 m	Air draught (a.b.)	58.0 m
Uniform deck load	25 t/m <sup>2</sup>		

## Industries and cargo types



### Industries



Wind energy



Offshore oil & gas



Port equipment



Shipping plus

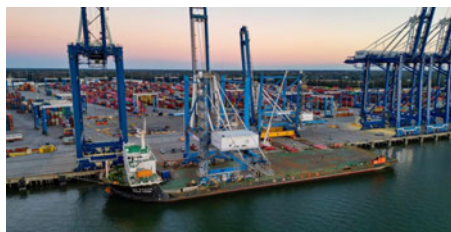
### Cargo types



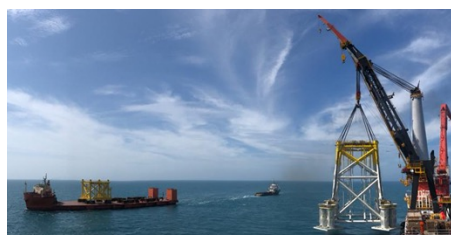
- » Monopiles
- » Onshore and offshore blades
- » Towers sections
- » Topsides
- » Jackets



- » FPSO modules
- » Carousels
- » Reels
- » Oil rig platforms
- » Jack-up rigs
- » Modules
- » Refinery & petrochemical equipment



- » Harbour cranes
- » Ship(un)loaders
- » Stackers & reclaimers
- » STS (ship-to-shore) cranes
- » RTGs
- » Shipyard cranes



- Offshore services:
- » DP2 jobs
  - » Installation support services
  - » Floating storage





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