



Aquarius II - Offshore

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| General: | <p>The vessel is a Dynamic Position (DP) 3 steel hulled accommodation and maintenance vessel, with three (3) stern thrusters, for propulsion and DP, three (3) retractable azimuth thrusters and one (1) tunnel thruster at the bow for DP, intended for international offshore operation in warm and temperate waters. The WCFDI (Worst-Case Failure Design Intent), for the DP system, is the loss of two (2) thrusters (one aft and one fore) achieved by automatic changeover of the tunnel thruster.</p> <p>The vessel will operate on DP-mode with the heave compensated gangway connected to a fixed, semi-submersible – or FPSO (Floating Production Storage and Offloading) types of offshore installations. The vessel is certified as a passenger ship for 500 passengers on international voyages and, additionally and certified according to the Code of Safety for Special Purpose Ships 2008 (SPS Code 2008) for 500 special personnel.</p> | |
| Main Particulars: | <p>Length o.a. 180.45 m Length p.p. 168.70 m Breadth moulded 5.40 m Depth to main deck 8.70 m Draft, design 6.50 m Draft, Scantling 6.70 m Deadweight (max.) 4,540 t</p> | |
| Capacity: | <p>No. of persons on board 590 pers Diesel Oil 1,682 m³ Lub Oil 61 m³ Fresh Water 760 m³ Technical Fresh Water 335 m³ Grey Water 483 m³</p> | |
| Speed: | Service speed | 20/22 kn |
| Machinery and Equipment: | <p>Diesel generators 6 x 4,300 kW Emergency diesel generator 1 x 1,000 kW Azipod 3 x 7,500 kW Retractable azimuth thruster Tunnel thruster 1 x 850 kW Knuckle boom deck crane Knuckle boom deck crane Heave- compensated gangway Helideck</p> | |
| Miscellaneous: | Classification | Bureau Veritas |
| Scope of Work: | <p>Concept Evaluation and Basic Design: - General Naval Architecture - Structural Design - Outfitting Design - Machinery Design - Engine Room Piping - Hull Piping - Electrical Design</p> | |
| Ref. No.: | KEH 15007 | |