

COSLRival



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The COSLRival is a semisubmersible accommodation/ service rig of Aker H3 (enhanced) design. The rig was constructed in 1976 as a drilling unit at Mitsui Engineering and Shipbuilding, Tamano Works, Japan. In 2004 the rig was converted to accommodation unit.

Classification

- DNV +1A1 Column - Stabilized Accommodation Unit
- HELDK
- POSMOOR V

Main dimensions

- Total length 108,20 m
- Total width 67,36 m
- Main deck elevation above baseline 36,58 m

Draft

- Operational draft 21,34 m. 22,334 mT displacement
- Survival draft 18,29 m
- Transit draft Abt 11,8 m

Capacities

- Fuel/ diesel 2367 m³
- Potable water 750 m³
- Lay down and storage capacities

Outdoor	431 m ²
Indoor	120 m ²

Accommodation

- Permanent accommodation for 400 persons (UK)/ 302 persons (Norway). 262 single bed cabins and 118 two bed cabins
- Galley with separate bakery and scullery. Mess room for 152 persons (328 m²)
- Various recreation and TV rooms, including cinema / multi purpose room
- Hospital and first aid treatment room located with easy access to helideck
- Gymnasium with a wide range of training equipment (abt 120 m²)
- Change room with showers and sauna adjacent to gymnasium
- 6 separate offices on 4th floor (147 m²). Various other offices and conference room
- 2 "dirty" coffee shops

Workshop

- Abt 200 m² workshop with 5m ceiling height. Equipped with 4 mT travelling block

Helideck

- 22,2 m diameter. 9,3 mT max load. Suitable for Super Puma and S-92

Gangway

- Hydraulically operated telescopic gangway. With roof. 30,5-42,5 m

Cranes

- Port side crane Molde crane.Type KHOD 3215/1039
Main hook: 20 mT at 7,0 m, Whip line: 10 mT at 39,1 m
- Starboard side crane Liebherr BOS 2600-50D. (Main hook: 31 mT at 9,4-25 m, can be installed if needed)
Whip line: 7,2 mT at 55 m





Mooring

- 12 x Norwich (Rolls-Royce marine) anchor winches (4 double and 4 single)
- Abt 1200 -1300 m length of 3" anchor chain each
- 12 x High holding power anchors

Propulsion/ Thrusters

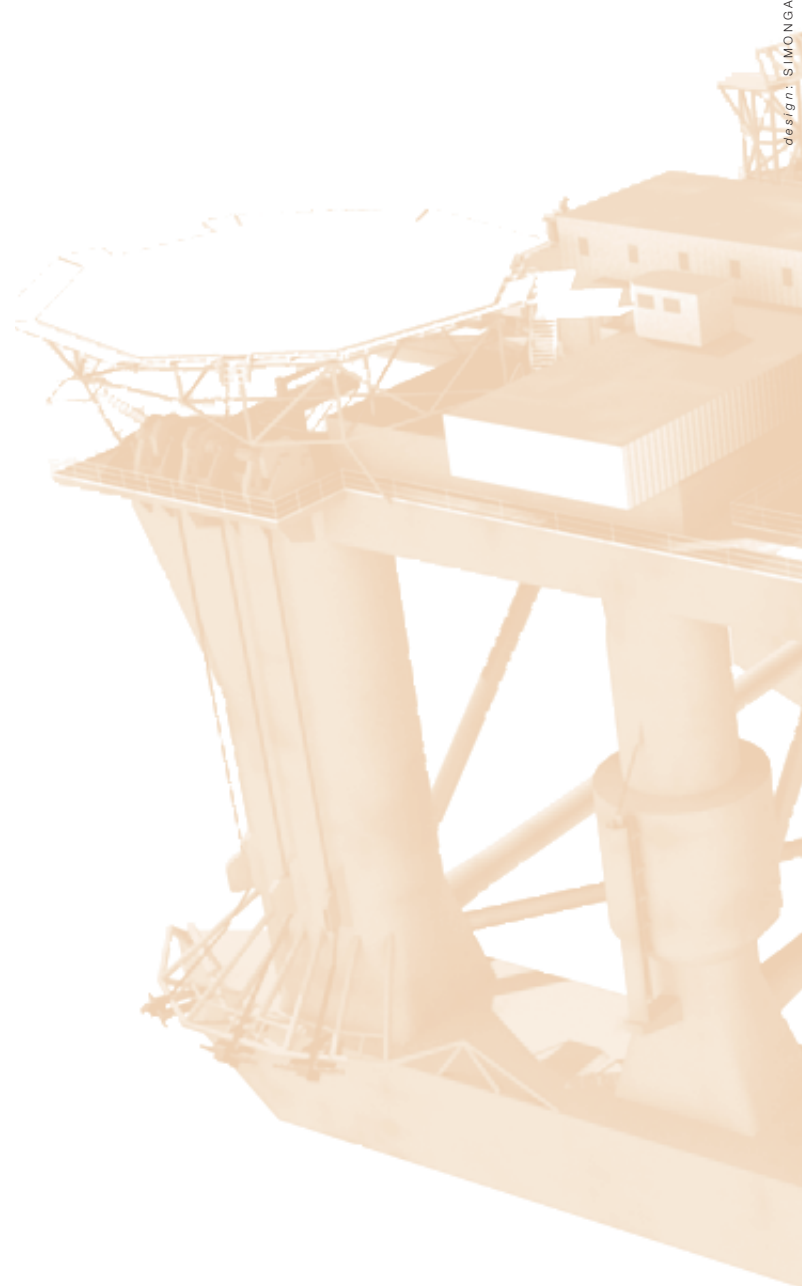
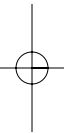
- 2 x thrusters. 3400 hp each
- 2 x NEBB G710 DC motors for each thruster

Machinery

- | | | |
|-------------------|---------------------------------|-----------------------|
| • Main engines | 4 x Bergen Diesel. Type KVBG-12 | 2200 BHP at 900 rpm |
| • Generators | 4 x NEBB. Type WAB 1240 D8 | 1500 kW, 600 V, 60 Hz |
| • Emergency power | Detroit Diesel 16 V 92 TA | 1170 BHP at 1800 rpm |
| | AEG MHC - 634 generator | 800 kW, 440 V, 60 Hz |

Survival equipment

- Lifeboats
 - 4 x Norsafe, 2013 model. Capacity for 82 persons each (based on 100 kgs persons).
 - 4 x Norsafe, 2004 model. Capacity for 90 persons each (based on 75 kgs persons).
- Liferrafts
 - 7 x VIKING DKF 20
 - 3 x VIKING DKF 25
 - 6 x VIKING DKF 35
 - Total capacity for 405 persons



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