

**COSL HYSY902**



**COSL**

China Oilfield Services Limited

**Production Optimization Division**

**Contact: Mr. Fang Guoyin**

**Tel.: +86-22-59551839**

**Fax: +86-22-59551888**

**E-mail: fanggy@cosl.com.cn**

**COSL**



## HYSY 902

The COSL HYSY902 is a self-elevating jack-up accommodation rig designed to operate in water depths ranging from 5 meters to 35 meters.

- Design: LEVINGSTON
- Construction yard: CHINA MERCHANT HEAVY INDUSTRY CO. LTD.
- Year of construction: 2009

### Main Dimensions

- Total length(helideck included): 59.1m
- Hull length: 45.4m
- Hull width: 42.6m
- Hull depth: 6.2m
- Leg length: 80.8m
- Spudcan dimension: 12 × 12m
- Designed Shelter deck loading capacity: 4.8T/ m<sup>2</sup>
- Vorage speed (self-propulsing): 6 knots

### Capacity

- Variable load (jacked up cond): 800T
- Fuel/diesel: 397.46m<sup>3</sup>
- Portable water: 316.92 m<sup>3</sup>
- Mud pits: 192.69 m<sup>3</sup>
- Usable deck area: 800 m<sup>2</sup>

### Operation Accommodation

- Permanent accommodation for 150 persons;
- Various kinds of offshore operation support service i.e. mud circulation support, equipment yard support, electric power export supply, lifting operation supply, etc.
- Accommodation equipments include modern galley and mess room for 45 persons;
- Living quarters include 2 shower rooms and 1 laundry room;
- 2 offices and 1 conference room;
- Multi-purpose recreation and reading room, including ping-pong room/reading room;
- Infirmary room with easy access to helideck.

### Helideck

- Diameter 19.5 m, 5.3 mT max load, suitable for SIKORSKY S—76 helicopter.

### Crane

- Port side crane: diesel engine and hydraulic system, max working load: 180 T, job length: 9~42 m
- Starboard side crane: electric and end hydraulic system, max working load: 35 T, job length: 5~34 m

### Main equipments

- Main generators: 4 × CATERPILLAR 3512B. 1200KW each, 600V 50HZ
- Emergency generator: 1 CATERPILLAR 3406C. 385KW, 400V 50HZ
- Main thruster: 3 × 1200HP Z-type propellers
- Bow thruster: 1 600HP variable frequency propeller
- Water maker: 1water making capacity 30m<sup>3</sup>maker Steam boiler: 2 steam boiler evaporation capacity 1500kg/h
- Mud pump: 2 F-1000 mud pump

### Survival equipments

- Life boat: 2 life boats, capacity for 76 persons each (1 life boat usable for mob boat)
- Life raft: 6 × life rafts, capacity for 25 persons each