

# TRANSOCEAN 712

## MIDWATER SEMI-SUBMERSIBLE



### For additional information please contact:

Transocean  
Marketing Department  
4 Greenway Plaza  
Houston, TX 77046, USA  
Phone: + 1-713-232-7500  
Fax: + 1-713-232-7880  
[marketing@deepwater.com](mailto:marketing@deepwater.com)  
[www.deepwater.com](http://www.deepwater.com)

### General Description

<b>Design / Generation</b> .....	Earl & Wright S711
<b>Constructing Shipyard</b> .....	Ulsan Shipyard Republic of Korea
<b>Year Entered Service / Significant Upgrades</b> .....	1983
<b>Classification</b> .....	ABS, A1, ACCU
<b>Flag</b> .....	Vanuatu
<b>Dimensions</b> .....	295 ft. long x 249 ft. wide x 130 ft. deep
<b>Drafts</b> .....	80 ft. operating / 21 ft. transit
<b>Accommodation</b> .....	113 persons
<b>Displacement</b> .....	26,930 st operating / 18,399 st transit
<b>Variable Deck</b> .....	3,928 lt operating / 1,040 lt transit
<b>Transit Speed</b> .....	up to 5 knots
<b>Maximum Water Depth</b> .....	2,000 ft. designed / 1,600 ft. outfitted
<b>Maximum Drilling Depth</b> .....	25,000 ft

### Drilling Equipment

<b>Derrick</b>	Dreco 185 ft. x 50 ft x 50 ft.
<b>Hookload Capacity</b>	1,300,000 lbs. gross nominal capacity.
<b>Drawworks</b>	2 x Oilwell E-3000 rated at 2,500 hp and utilizing a 1-1/2 inch wire
<b>Compensator</b>	Vetco / MC-600-25D with a locked capacity of 580 st.
<b>Rotary Table</b>	Oilwell A 49-1/2 rated to 1,000 st static load capacity.
<b>Top Drive</b>	Varco TDS5H rated to 650 tons and 43,900 ft.-lbs. continuous drilling torque in low gear
<b>Tubular Handling</b>	Maritime Hydraulics 1898 Iron Roughneck
<b>Mud Pumps</b>	3 x Continental Emsco FB-1600 triplex pumps, each driven by 2 x EMD-D79 traction motors.
<b>HP Mud System</b>	Rated for 5,000 psi
<b>Solids Control</b>	3 x NOV Multisizer shakers

### Power & Machinery

<b>Main Power</b>	3 x EMD 16-645E9B diesel engines rated at 3,070 hp at 900 rpm, each driving 1 x EMD AB20-24 2,600 kW generators.
<b>Emergency Power</b>	1 x Detroit 8163 / 7305 diesel engine rated at 670 kW, at 1,800 rpm driving 1 x Delco / E7224MA generator.
<b>Power Distribution</b>	6 x Bauteil III rated at 2,200 per SCR bay and 750 DC generator protection

### Storage Capacities

<b>Fuel Oil</b> .....	242000 usg
<b>Liquid Mud</b> .....	2400 bbl
<b>Base Oil</b> .....	3000 bbl
<b>Brine</b> .....	2500 bbl
<b>Drill Water</b> .....	6,331 bbl
<b>Potable Water</b> .....	55,500 gal
<b>Bulk Material</b> .....	(mud + cement) 18,720 cu.ft.
<b>Sack Storage</b> .....	1,300 sq ft. (150 st)

### BOP & Subsea Equipment

<b>BOP Rams</b>	Hydril 18-3/4 inch 15,000 psi 5-ram preventer (1 x double & 1 x triple)
<b>BOP Annulars</b>	2 x Shaffer 18-3/4 inch 10,000 psi annular preventers
<b>BOP Handling</b>	BOP crane 2 x 74.2Te main hoists and 2 X 6Te aux hoist
<b>Marine Riser</b>	Cameron RD 21 inch OD and 50 ft. long per joint.
<b>Tensioners</b>	10 x Western Gear with 50 ft. of line travel and rated to 80,000 lbs.
<b>Diverter</b>	1 x Hughes Regan KFDS 500 psi diverter with 2 x 12 inch flow lines.
<b>Tree Handling</b>	1 x 85 mt Xmas tree skid cart and stb side slotted tree skidding rails
<b>Moonpool</b>	24 ft. length x 23 ft. width

### Station Keeping / Propulsion System

<b>Thrusters</b>	2 x Pleuger fully azimuthing thrusters rated at 3000 hp each
<b>Mooring System</b>	8 x Hepburn anchor winches and 8 x 4,300 ft. of 3 inch stud link R3S chain and 8 x Mk 3 / 5 Stevpris 12 ton anchors

### Cranes

<b>Cranes</b>	2 x Bucyrus Erie MK-100 pedestal crane with 120 ft. boom and Main rated to 54Te at 12 m / Whip rated 5.4Te
---------------	--

### Other Information

<b>Helideck</b>	Suitable for Sikorsky S-92 helicopters (12t)
-----------------	--

Revision Date: 10 December 2014

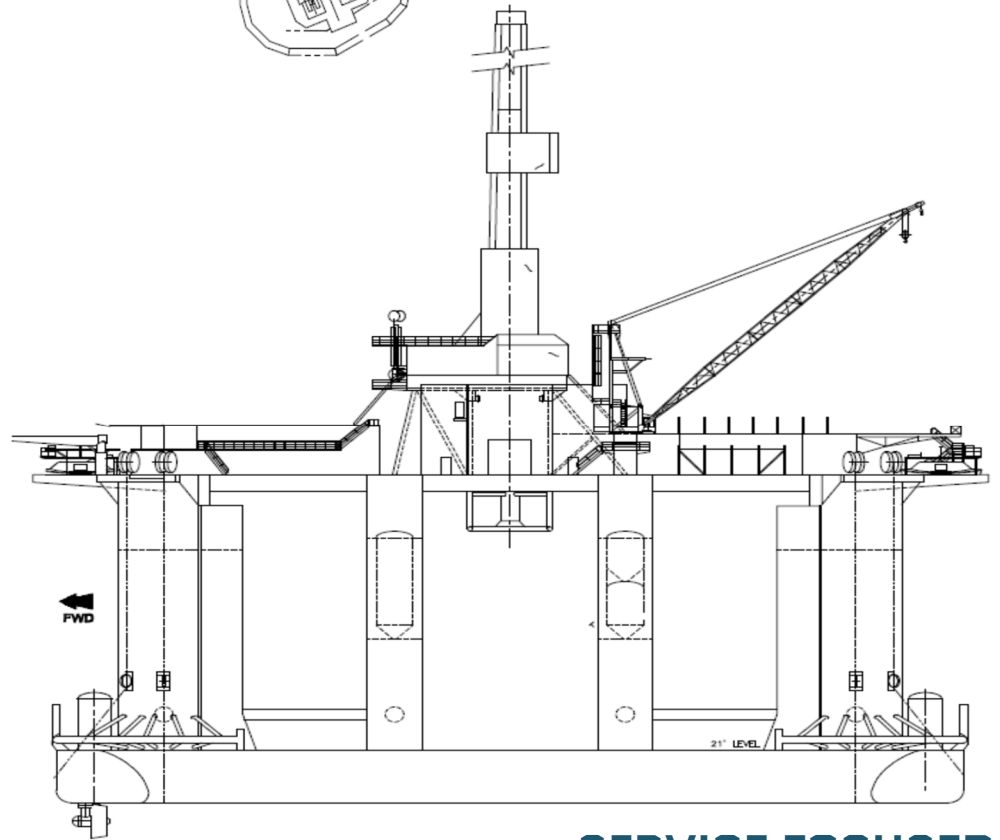
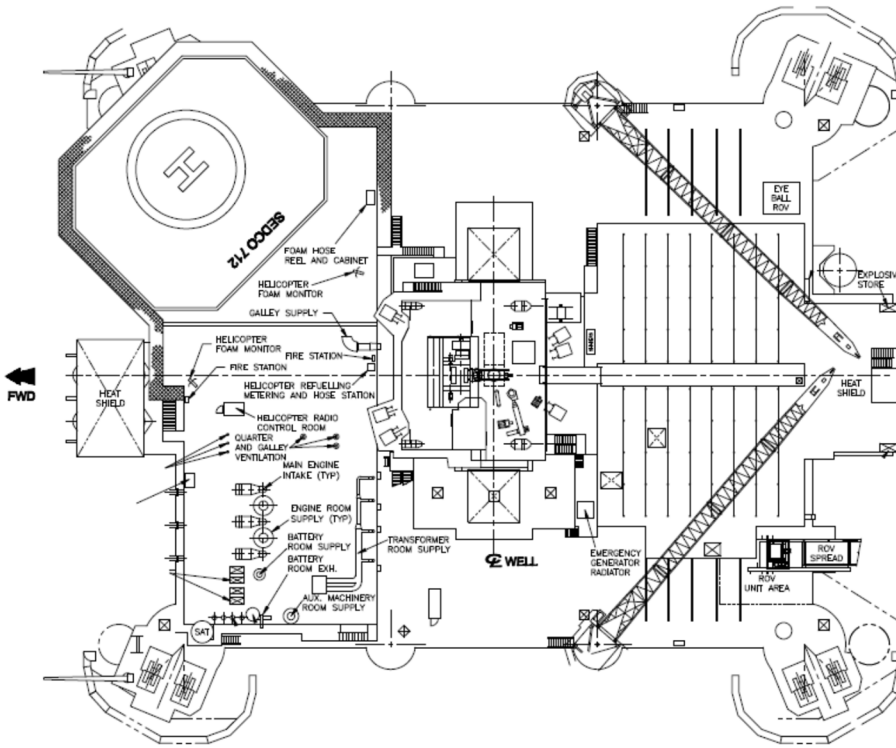


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.

# TRANSOCEAN 712

MIDWATER SEMI-SUBMERSIBLE



## BOUNDLESS

**SERVICE FOCUSED  
DATA DRIVEN  
PERFORMANCE ORIENTED**

Revision Date: 10 December 2014



These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

Patent Notice: This rig, its systems, components, and/or equipment in use on this rig, may be protected by one or more US and/or foreign patents.