

# SEDCO 714

## MIDWATER SEMI-SUBMERSIBLE



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### General Description

Design / Generation	MODU (CSDU) Earl & Wright SEDCO 711
Constructing Shipyard	Hyundai Heavy Ind. South Korea
Year Entered Service / Significant Upgrades	1983 / 1999
Classification	ABS, A1, CSDU, AMS, ACCU
Flag	Vanuatu
Dimensions	300 ft. long x 267 ft. wide x 130 ft. deep
Drafts	83.5 ft. operating / 21 ft. transit
Accommodation	112 persons
Displacement	28,645 st operating / 18,438 st transit
Variable Deck	3,441 st operating / 1,223 st transit
Transit Speed	up to 6 knots
Maximum Water Depth	1,800 ft. designed / 1,000 ft. outfitted
Maximum Drilling Depth	25,000 ft

### Drilling Equipment

Derrick	Dreco 185 ft. high, mast with 50 ft. base.
Hookload Capacity	1,300,000 lbs. gross nominal capacity
Drawworks	National Oilwell E-3000, EMD D-89 electric motors, 2500 hp
Compensator	Vetco MC-600-25D, 25 ft stroke and 1,300,000 lbs. active heave compensation.
Rotary Table	National Oilwell A-49-1/2: 49-1/2 inch hydraulic
Top Drive	Varco TDS-5H 650 st capacity, rated to 36,000 ft.-lbs. continuous drilling torque in low gear.
Tubular Handling	Iron Roughneck Maritime Hydraulics MH1898
Mud Pumps	3 x National 14-P-220 HP pumps, each driven by 2 x GE 752 traction motors.
HP Mud System	Rated for 7500 psi
Solids Control	3 x Derrick Dual Pool 628 shale shakers

### Power & Machinery

Main Power	3 x EMD 16-645-E9B diesel engines rated at 2,290 KW at 900 rpm each driving 1 x GM AB21 4,160 V generator
Emergency Power	1 x Detroit GM 16v-92 diesel engine rated to 670 KW each driving 1 x 1800 rpm generator.
Power Distribution	8 x Bauteil 2500 A / 700 V SCR system

### Storage Capacities

Fuel Oil	7,422 bbl
Liquid Mud	2,400 bbl Active / 52,547 bbl reserve
Base Oil	2,981 bbl
Brine	2,106 bbl
Drill Water	6,460 bbl
Potable Water	1,277 bbl
Bulk Material	(mud + cement) 28,080 cu. ft.
Sack Storage	1,800 sacks

### BOP & Subsea Equipment

BOP Rams	Hydril 18-3/4 inch 15,000 psi BOP with 2 x double ram preventers
BOP Annulars	2 x NL Shaffer 18-3/4 inch 10,000 psi pressure capability annular preventer
BOP Handling	2 x BOP cranes rated at 85 st for the main hoists
Marine Riser	Vetco MR-6C 21 inch OD; 50 ft long per joint. each weighing 13,132 lbs.
Tensioners	10 x Western Gear Pipe Master riser tensioners, 40 st each with a 12.5 ft. stroke.
Diverter	24 inch 500 psi Regan KFDS-3 diverter with 1 x 12 inch flow line
Tree Handling	Overhead crane and tree skid cart rated to 80 st.
Moonpool	24 ft. length x 18 ft. width.

### Station Keeping / Propulsion System

Thrusters	2 x (1 x forward, 1 x Aft) Pleuger 360 degree, 2,238 KW variable pitch.
Mooring System	8 x Hepburn (NOV) drum winches with 1,040,000 lbs. static brake capacity, 8 x mooring lines with 3 inch stud chain link, and 8 x Stevpris HP 26,500 lbs. anchors

### Cranes

Cranes	2 x 59 st BE MK-100 with a boom length of 120 ft
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### Other Information

Helideck	Rated for Chinook helicopters
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Revision Date: 26 November 2014

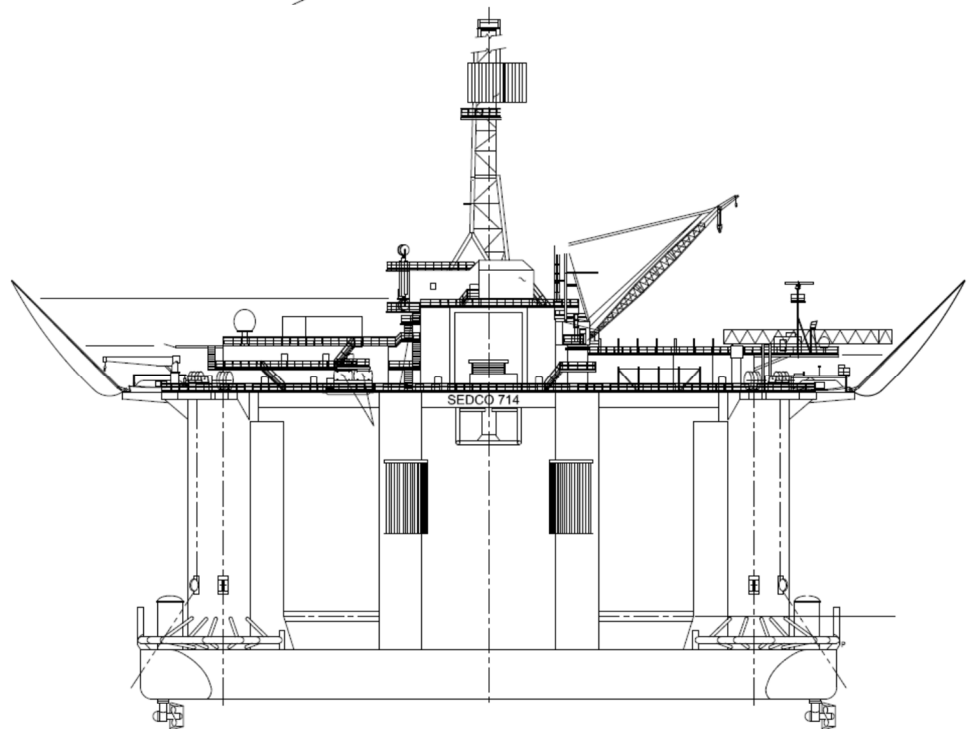
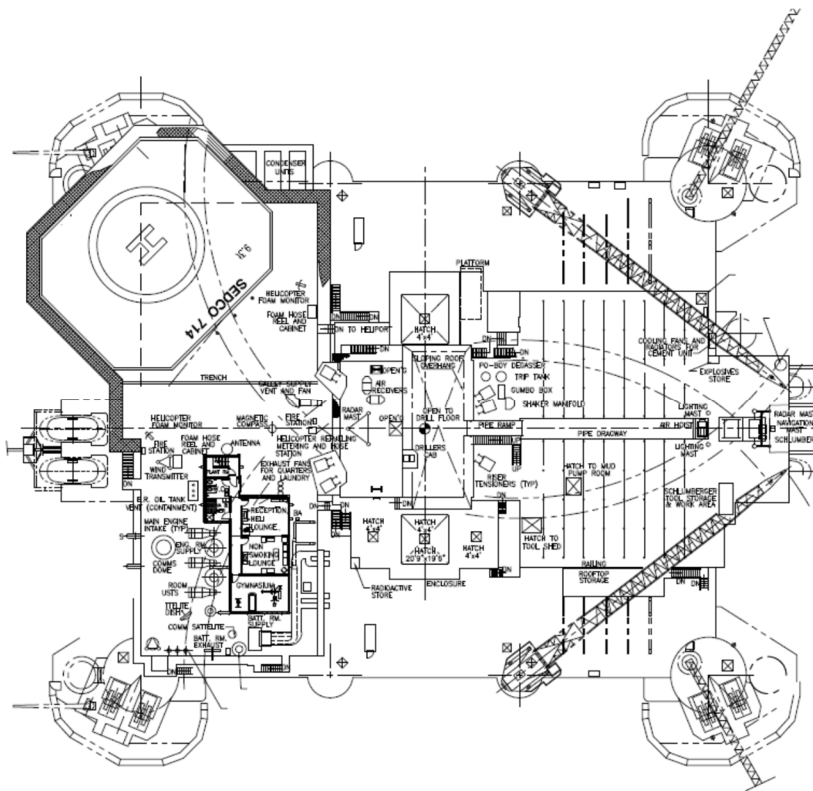


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating 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.

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# BOUNDLESS

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## SERVICE FOCUSED DATA DRIVEN PERFORMANCE ORIENTED

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