

TRANSOCEAN 706

DEEPWATER SEMI-SUBMERSIBLE



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General Description

Design / Generation	Earl & Wright SEDCO 700 Class
Constructing Shipyard	Kaiser Steel Shipyard Oakland, CA, USA
Year Entered Service / Significant Upgrades	1976 / 1994, 2007
Classification	ABS +A1, DPS-2
Flag	Liberia
Dimensions	295 ft. long x 245 ft. wide x 130 ft. deep
Drafts	83 ft. operating / 21 ft. transit
Accommodation	150 persons
Displacement	34,339 st operating / 21,847 st transit
Variable Deck	4,409 st operating / 3,307 st transit
Transit Speed	up to 5 knots
Maximum Water Depth	6,500 ft. designed / 6,500 ft. outfitted
Maximum Drilling Depth	25,000 ft

Drilling Equipment

Derrick	Woolslayers Companies Inc., 185 ft. high, with 50 ft. long, 40 ft. wide base.
Hookload Capacity	1,300,000 lbs. gross nominal capacity.
Drawworks	Oilwell E-3000, 3 x EMD M-79 electric motor; rated to 3,000 hp and 1,478,900 with 14 1-3/4 inch drilling lines.
Compensator	NOV Shaffer, with a 25 ft. stroke and 1,200,000 lbs with a locked compensator.
Rotary Table	Continental Emsco T-6050 60-1/2 inch hydraulic; rated to 1,000 st.
Top Drive	Varco TDS-4S, with a 650 st capacity and with GE 752 Hi-torque traction motors rated at 45,500 ft/lbs. continuous drilling torque in low gear.
Mud Pumps	3 X Oilwell A-1700 P.T. rated at 1,600 hp triplex pumps, each driven by 2 x EMD D-79-DC traction motors.
HP Mud System	Rated for 5,000 psi
Solids Control	4 x Derrick FCL 514 shale shakers

Power & Machinery

Main Power	6 x Caterpillar 3612 diesel engines rated at 3,640 kW, 900 rpm, each driving a 4,550 kVA Kato 8P12-4000 generator.
Emergency Power	1 x Caterpillar 3508B diesel engine rated 968 kW, 1,800 rpm driving a Kato 4P6-1800 generator.
Power Distribution	6 x EPD SCR, EPD, 11kv switchboards.

Storage Capacities

Fuel Oil	9,755 bbl
Liquid Mud	2,400 bbl active / 3,300 bbl reserve
Base Oil	1,100 bbl
Brine	5,000 bbl
Drill Water	5,800 bbl
Potable Water	1,324 bbl
Bulk Material	(mud + cement) 18,760 cu.ft
Sack Storage	2,500 sacks

BOP & Subsea Equipment

BOP Rams	1 x GE Hydril Compact Triple (TRBOP) ram preventers and 1 x GE Hydril Compact Double (DRBOP) ram preventers, 18-3/4 inch, 15,000 psi. (5 ram preventer)
BOP Annulars	1 x Annuflex GX double assembly annular preventer, 18-3/4 inch, 10,000 psi.
BOP Handling	BOP crane 2 x 100 st main hoists and 2 x 15 st service hoists.
BOP Control	Cameron acoustic system
Marine Riser	Vetco 21 inch OD (19-3/4 inch ID), 18,787 flotation weight in air. API 51 x 80, 65 ft. long per joint. Riser buoyancy 47 inch OD.
Tensioners	8 x Control Flow dual riser tensioners, rated at 60 st each; with a 12.5 ft. stroke.
Diverter	60-1/2 inch 500 psi Vetco KFDS diverter with a 16 inch flowline.
Moonpool	20 ft. length x 20 ft. width.

Station Keeping / Propulsion System

Thrusters	8 x (4 at forward, 4 at aft) Rolls Royce 2,300 kW azimuthing thrusters; (0- 600 rpm, fixes pitch)
DP System	Kongsberg SPD32 SVC DPS-2 with triple redundancy.
Mooring System	2 x Baylor electric drum winches with 1,000,000 lbs. static brake capacity, 2 x 1,000 ft. of 3 inch stud link chain, no anchors

Cranes

Crane #1	1 x 54 st National OS-435 pedestal crane.
Crane #2	1 x 67 st Seatrax S-9022 pedestal crane

Other Information

Helideck	Rated for Sikorsky S-92 helicopters
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Revision Date: 09 February 2017

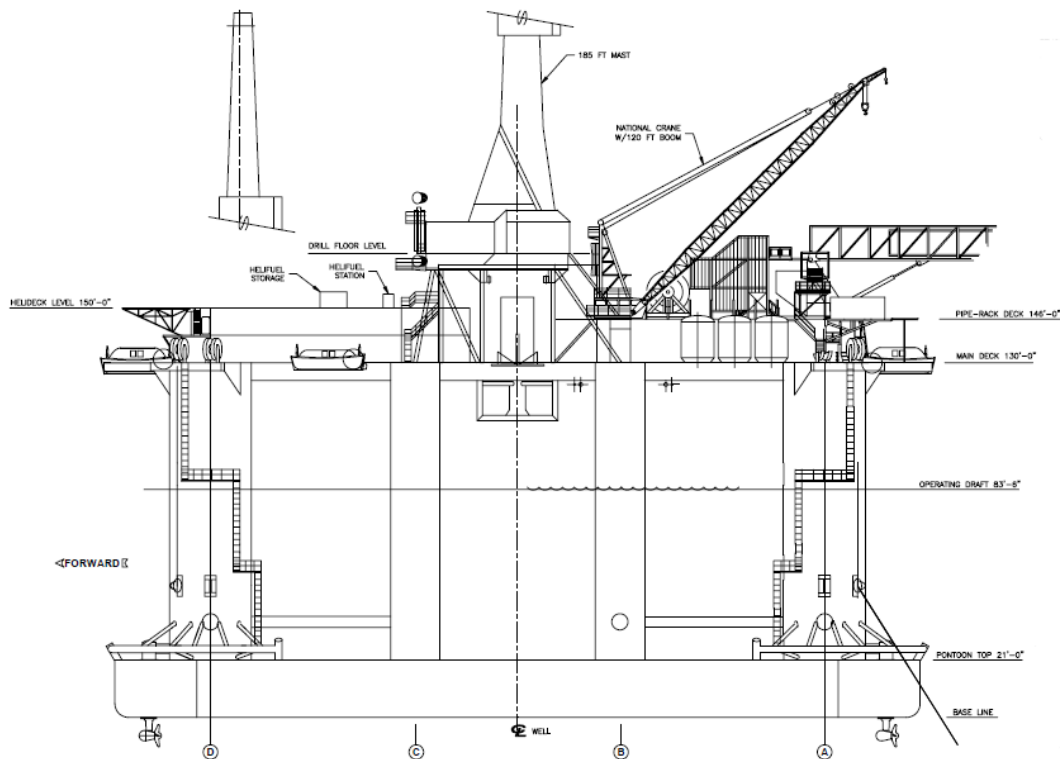
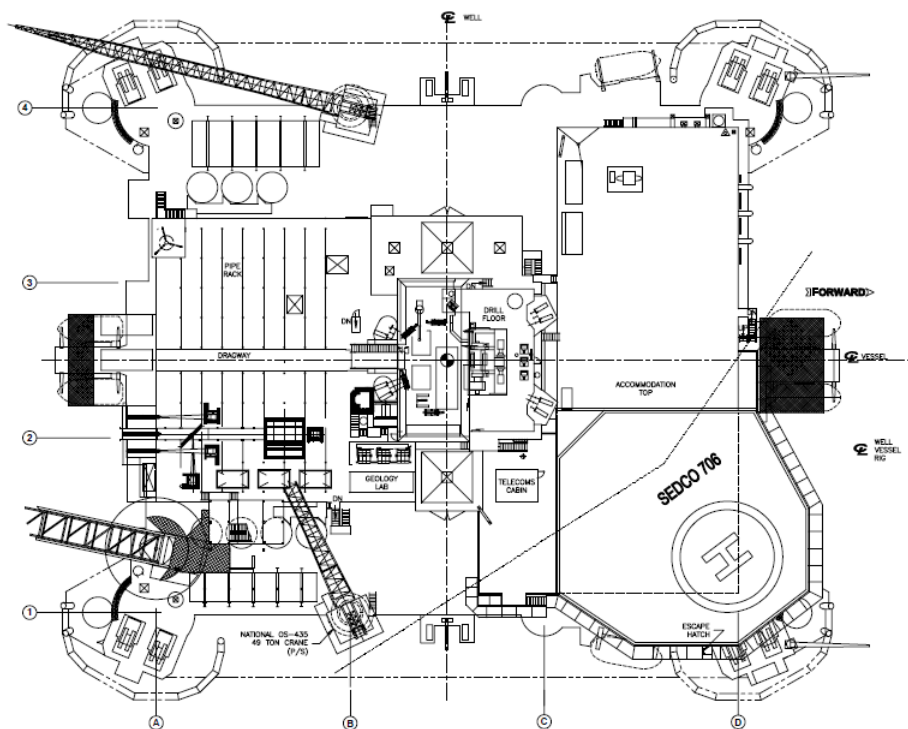


These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Transocean standard operating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