



NEPTUNE FINDER

Short Specification

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GENERAL

Type	Semi submersible	Main Deck Width	225 ft
Registry	Singapore	Main Deck Elavation	130 ft (above baseline)
Upgraded	Est. completion 2012	Draft, Drilling	83 ft
Design	Upgraded Earl & Wright 700 series	Displacement, drilling draft	34,560 mt
Class	ABS – DP2	Weight, lightship	17,929 mt
Length o.a	358 ft	Variable Load	5,000 mt
Width o.a	267 ft	Water Depth	8,000 ft
Main Deck Lenght	279 ft	Drilling Depth	30,000 ft
		Transit Speed	5 knots

STORAGE CAPACITIES

Pipe Rack Area	5,000 ft2	Sack material	5,000 sacks
Riser Rack Area	4,200 ft2	Fuel	12,809 bbls
Liquid active	6,542 bbls	Drill water	9,114 bbls
Liquid reserve	7,890 bbls	Potable water	2,654 bbls
Bulk cement	15,890 ft3	Brine	5,787 bbls
Bulk mud	15,890 ft3	Base oil	2,630 bbls

DRILLING EQUIPMENT

Derrick	Aker Solution or equivalent Base: 46' x 46' 2,000 kips capacity	Drawworks	Wirth GH 4500 or equivalent 4,500 HP Disc Brake model DBS-3000 Elmagco 7838 auxiliary brake
Crown Block	Aker Solution or equivalent 1,000 st capacity 7 x 60" sheaves 2" line	Hydraulic Roughneck 1	Aker Solution or equivalent (Rotary center)
Travelling Block	1,000 st capacity, 2" line	Hyraulic Roughneck 2	Aker Solution or equivalent (Offline standbuilding)
Heave Compensator	Aker Solution or equivalent CMC 1,000 st capacity locked 25' stroke, 2" line	Hydraulic Cathead	Aker Solution or equivalent
Topdrive	DDM 1000 or equivalent 1,000 st, 87,000 ftlbs tourqe	Pipe Handling System	Bridge Crane Lower Guiding Arm HV Machine Hyd. Standbuilding Machine Knuckle Boom Crane
Rotary Table	National or equivalent 60 ½"	Riser Tensioners	Aker Solutions or equivalent 16 x 200 kips, total 3,200 kips

Riser Handling	Riser Gantry Crane Riser Catwalk Drill Floor Manipulator Arm	BOP Control	Cameron BOP MUX Control System
BOP Stack	Cameron 18 ¾" 15,000 psi	Choke & Kill Manifold	Cameron or equivalent 15,000 psi w.p
Flex Joints	Oilstates 18 ¾"	Cementing manifold	15,000 psi W.P
Marine Riser	Aker Solution s or equivalent Riser 21" OD, 75' length 8,000 ft w/buoyancy	Mud Pumps	National or equivalent 4 x 2,200 HP – 7,500 psi
Riser Gantry Crane	Aker Solution or equivalent 30 mT	Solids Control	MI-SWACO or equivalent 5 x Shale shakers
Slip Joint Diverter	Cameron or equivalent Regan KFDS or equivalent	Mud/Gas Separator	SWACO Poor Boy degasser
		Degasser	SWACO or equivalent
		Burner booms	2 x 75 ft
Standpipe Manifold	7,500 psi W.P		

MARINE EQUIPMENT

Power Plant	EMD or equivalent 10 x 3,560 kW	Cranes	2 x 80 mt 1 x riser gantry crane 1 x knuckle boom crane
Emergency Generator	Scania or equivalent 1 x 1,190 kW	BOP Transporter	400 mT Hydraulic Trolley
Thrusters and heading	LIPS or equivalent 6 x Azimuth Thrusters 6 x 5,094 hp	Accommodation	150 Persons
DP	Kongsberg or equivalent DP-2	Helideck	Suitable for Sikorsky S-92
		Life Saving Equipment	As per rule requirements

