



SEMI SUB AMAZONIA

General Description

Design/Generation	Friede&Goldman.Ltd.Millennium AS.
Constructing Shipyard	Yantai Raffles, China
Year of Construction	2011
Classification	BV
Flag	Marshall Islands
Overall Dimensions	105 L*73.1m W
Main deck elevation above baseline	33.84m
Associated air gap	(drilling) 9.17m
Draft at load line (deepest)	16.75m
Displacement at load line	36415mt
Drilling draft/related displacement	16.75m/36415mt
Max. Substructure/Rotary Load	907mt/NA
Setback capacity	680.3mt
Fuel consumption (drilling)	approx.25mt /day
Operating Water Depth	200m(min)/2400m(max designed)
Max. Rating Drilling Depth	7000m
Accommodation	148

Drilling Equipment

Derrick	Loadmaster Conventional/Model: D200046X40X18X18X190CD
Hookload Capacity	2.000.000 Lbs.
Drawworks	LDW2000K-101
Top Drive	DDTD-1000 Rated capacity : 1000mt Working Pressure : 7500 psi
Rotary Table	LTI-CAMERON L605 / Maximum opening : 60-1/2" Rated capacity:1250mt
Drilling String	Control Flow/ CBC, 800psi,3000psi,25ft/static
Motion	load 2000kips
Compensator	Max. compensating load capacity: 363mt Compensating stroke: 25ft
Mud Pumps	3*W2215Cameron; 1* WH2214Cameron Maximum working pressure : 7500 psi
Solid Control	4*MISWACO; 1*DERRICK
Standpipe manifold	System working pressure : 7500psi
Choke manifold	Rated for 15,000 Psi

Power Plant

Main Power	7* CATERPILLAR 3616/5060KW/ 900 rpm
Emergency Power	1* CATERPILLAR 3512B/1125KW/ 1800 rpm

STORAGE CAPACITIES

Fuel Oil	2925 m3
Mud Active Processing Tanks	842 m3
Brine	318 m3
Base Oil	0 m3
Drill water	2495 m3
Potable Water	440 m3
Bentonite/barite	210 m3
Cement	125 m3
Sack Storage	5000 sacks

BOP Equipment

Diverter	GE KFDS-500,60.5 Rotary Table,2000KIP Handoff / 500psi
BOP annular (LMRP)	Cameron DL /18 3/4" / Working pressure : 10,000 psi
BOP rams	Cameron TL /18-3/4"*15k Psi, 5 *Ram;
Riser tensioner	10*Control Flow/250 KIPS Wireline Riser Tensioner Capacity each tensioner :250kips Maximum stroke :3810mm
Moon pool	26.2m x 6.9m

Cranes

Aft and Stbd	2* Approved by BV/TSC PATRIOT Series 198 Model 200/ Load/radius/speed (minimum radius) :50 mt/137.79486ft/0.9842519686sec
port	1*Approved by BV/ TSC PATRIOT Series 240 Model 200/ Load/radius/speed (maximum radius) :60mt/145.012686ft /2.416885389sec
BOP handling system	Friede & Goldman / BOP CRANE-2*135 mt , Rated capacity:300mt Rated capacity:270mt/BOP Trolley 400mt

Mooring Equipment

Mooring Winches	2* A Rim Machinery & Engineering CO./ ARM3-110/Total HP per winch :147.5hp Rated pull : 165mt
Anchor Lines	ARM3-110 / Right Hand ore lay – Galvanized Useful length (nominal) :450m
Thrusters	8* Azimuthing/ Wartsila FS1510-350 NU/ Total KW per thruster : 2425
Dynamic Positioning	Kongsberg K-Pos DP-32 + cJoy / DPS 132 DGPS + DPS 200 DGPS/ VERIPOS DGPS Satellite/HIPAP 350

OTHER FEATURES

Helideck	Sikorsky S61N & S-92
Station Keeping	DP2, Thrusters (8) x 2,425kw, 360° Azimuthing Fixed Pitch, Variable Speed

