

FEN YONG



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General Description

Design/Generation	KFELS - B Class
Constructing Shipyard	Keppel FELS Limited, Singapore
Deliver Year/Upgrades	2009
Classification	CCS&ABS
Flag	CHINA
Overall Dimensions	311.0ft L x 225.0ft W x 25.52ft D
Legs	3 x 517ft; Triangular
Usable leg below hull	460.0ft
Spudcan diameter	59.0ft
Draft at load line	47.2ft
Displacement	15596.13 mt
Variable Load	7701.67 mt
Cantilever Envelope	50ft
Operating Water Depth	400ft
Max. Rating Drilling Depth	30,000ft
Accommodation	120 beds

Drilling Equipment

Derrick	National Oilwell Varco / D - 160x36x36x18x18 - 2100 - BN
Hookload Capacity	2500Kips
Drawworks	National Oilwell Varco /ADS-10T
Top Drive	National Oilwell Varco / TDS-8SA, 1,150hp, 7,500psi
Rotary Table	National Oilwell Varco / RST 495
Tubular Handling	National Oilwell Varco / PRS-8 Racker
Mud Pumps	3*LEWCO* W-2215, 1,100hp/ea, 7,500psi
Solid Control	Shale Shakers:5*Derrick / Dual Pool 626 ;100bbl/min Degasser:Brandt / DG-10 Vacuum Degasser
Drilling Manifold	Rated for 15,000 Psi

Power Plant

Main Power	5*Caterpillar 3516B HD diesel engines rated at 1,603kw, 1,200 rpm
Emergency Power	1 X Caterpillar / 3508B DITA diesel engine rated 682kw, 1,200 rpm driving an Leroy Somer generator

STORAGE CAPACITIES

Fuel Oil.....	2630bbls
Liquid Mud.....	3613bbls
Brine	1939bbls
Base Oil.....	662bbls
Drill water.....	19921bbls
Potable Water.....	2053bbls
Bentonite/barite.....	6000ft3
Cement	5100ft3
Sack Storage.....	5,000 sacks

BOP Equipment

Diverter	Vetco Gray Model KFDJ- CF5048
BOP annular	Guanghan Well-control Petroleum Equipment Co. Ltd.13-5/8" 10000psi
BOP rams	2* Guanghan Well-control Petroleum Equipment Co. Ltd. , 13-5/8" *15k Psi, Double Ram;
BOP handling	Patriot / 75 SHORT TON SWL PNEUMATIC CHAIN X2

Cranes

Port&Stbd&Fwd	3* Favelle Favco / Model 7.5/10K 45.5t 10.0~120FT
Knuckle-Boom	1* NOV/PC1891KCE 3-1/2" to 20" Tubular/ 7mt/57.41ft, 3.5mt /82.02ft

Mooring Equipment

Mooring Winches	4* TURCK/Brohl 250KN,25mt.
Anchor Lines	4* EEIPS, IWRC,1-1/2" ,6 x 36 IWRL galvanized
Anchors	4* Delta Flipper - 5t

OTHER FEATURES

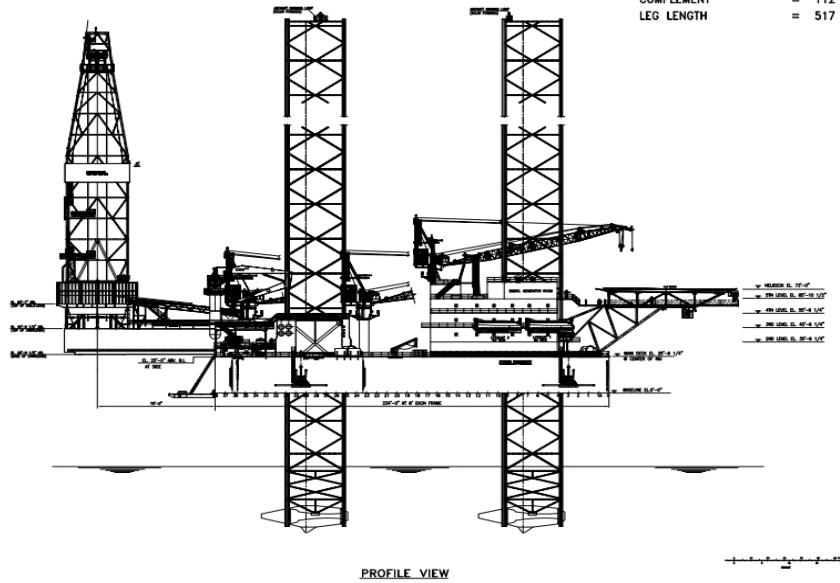
Helideck	72.83ft diameter, Sikorsky S61N or Equivalent,42ft
Tension System	ICON / T230A / Tension capacity250ST/Stroke 12"

These specifications are intended for general reference purposes only. All equipment shall be operated and maintained at all times, in compliance with COSL DRILLING standard operating manuals,policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.

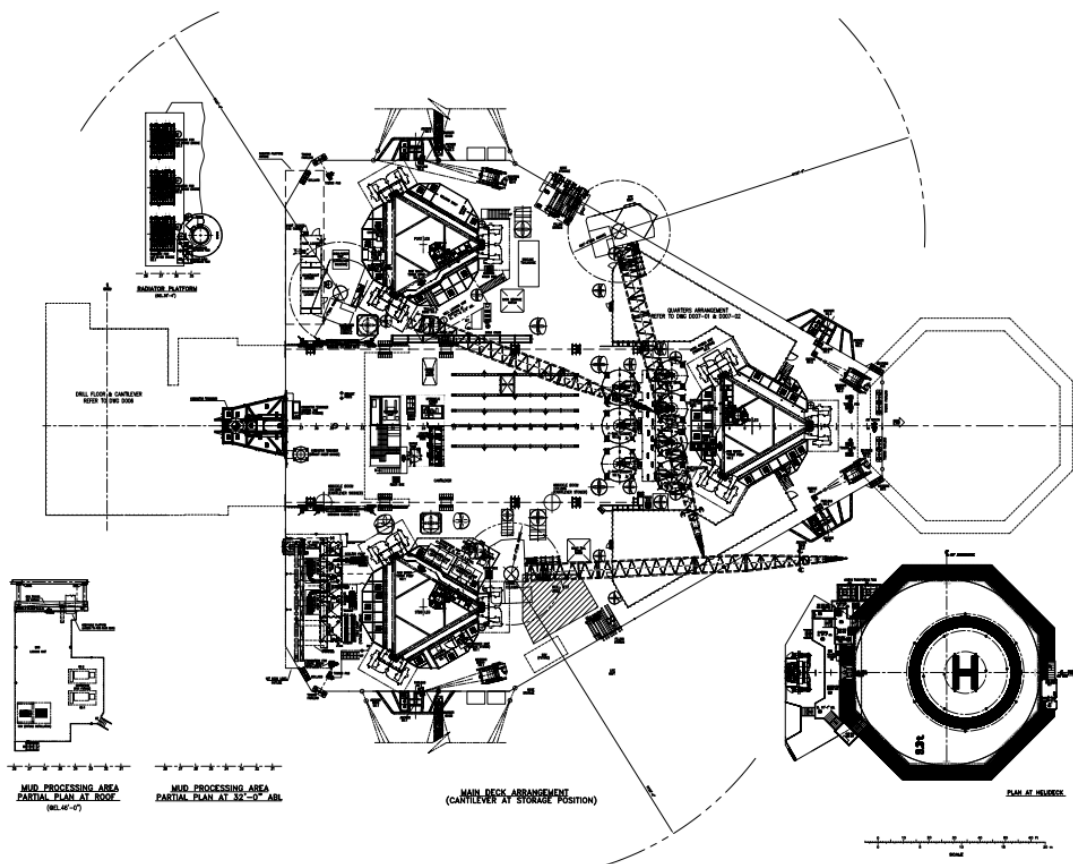
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MAIN PARTICULARS:
 VESSEL LENGTH = 234 FT
 VESSEL WIDTH = 208 FT
 VESSEL DEPTH AT SIDE = 25 FT
 COMPLEMENT = 112 MEN
 LEG LENGTH = 517 FT



ALTERATIONS				
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