

BO HAI 12 HAO

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General Description

Design/Generation.....	Mitsubishi MD-T-45 J
Constructing Shipyard	Mitsubishi Heavy Industries, LTD Hiroshima Shipyard & Engine Works
Deliver Year/Upgrades	1978
Classification	CCS
Flag	China
Overall Dimensions	183.75ft L*157.5ft W x 21.5ft D
Legs.....	277.25ft. long; Square
Usable leg below hull	217ft
Spudcan diameter	20.7ft
Draft at loadline (deepest)	13.12ft
Displacement at loadline :	7203t
Drilling VL.....	1990t
Cantilever Envelope	40ft*11ft
Operating Water Depth	186ft
Max. Rating Drilling Depth	20,000ft
Accommodation	120 beds

Drilling Equipment

Derrick	Sichuan Honghua/HJJ450/47T/ 30' x 30' x 154'/450 tons .
Simultaneous setback + hookload capacity :	992kips
Drawworks	NOV / 1320-UE/ 2 x 800HP
Top Drive	NOV / Varco IDS-1/1,000HP/ 5,000psi
Rotary Table	CONTINENTAL EMSCO/T-3750
Tubular Handling	N/A
Mud Pumps	2 x Baoji petroleum machine Co. Ltd / F-1600, 1,600HP/5000psi
Solid Control	3* NOV / VSM 300 1400gpm
Drilling Manifold	Rated for 5,000 Psi

Power Plant

Main Power	4x Caterpillar 3516TA/1,615 hp 1200rpm Diesel Engines, 4x Mitsubishi Japan CFC /1,750KW AC Generator
Emergency Power	1 X Henan Heavy Engine Industry / TBD620 rated 1220Hp, 1,800 rpm

STORAGE CAPACITIES

Fuel Oil.....	2,012bbls
Liquid Mud.....	1,937bbls
Brine	N/A
Base Oil.....	N/A
Drill Water.....	2,767bbls
Potable Water.....	2,289bbls
Bentonite/barite.....	5750ft3
Cement	5750ft3
Sack Storage.....	5,000 sacks

BOP Equipment

Diverter	N/A
BOP annular	1 x Shaffer 13-5/8" 5K Annular
BOP rams	1x Shaffer 13-5/8" 10K Single Ram , 1 x Shaffer 13-5/8" 10K Double Ram
BOP handling	2* Ingersoll Rand BHS75MA6-30-66RW2 , safe working load at 37.5t each;

Cranes

Port	1* Favcro Crane (M)
Stbd	Sdnbhd/40.8t/7.5m/16m/min 1* Favcro Crane (M) Sdnbhd/40.8t/7.5m(boom angle 81.4,)
Knuckle-Boom	N/A

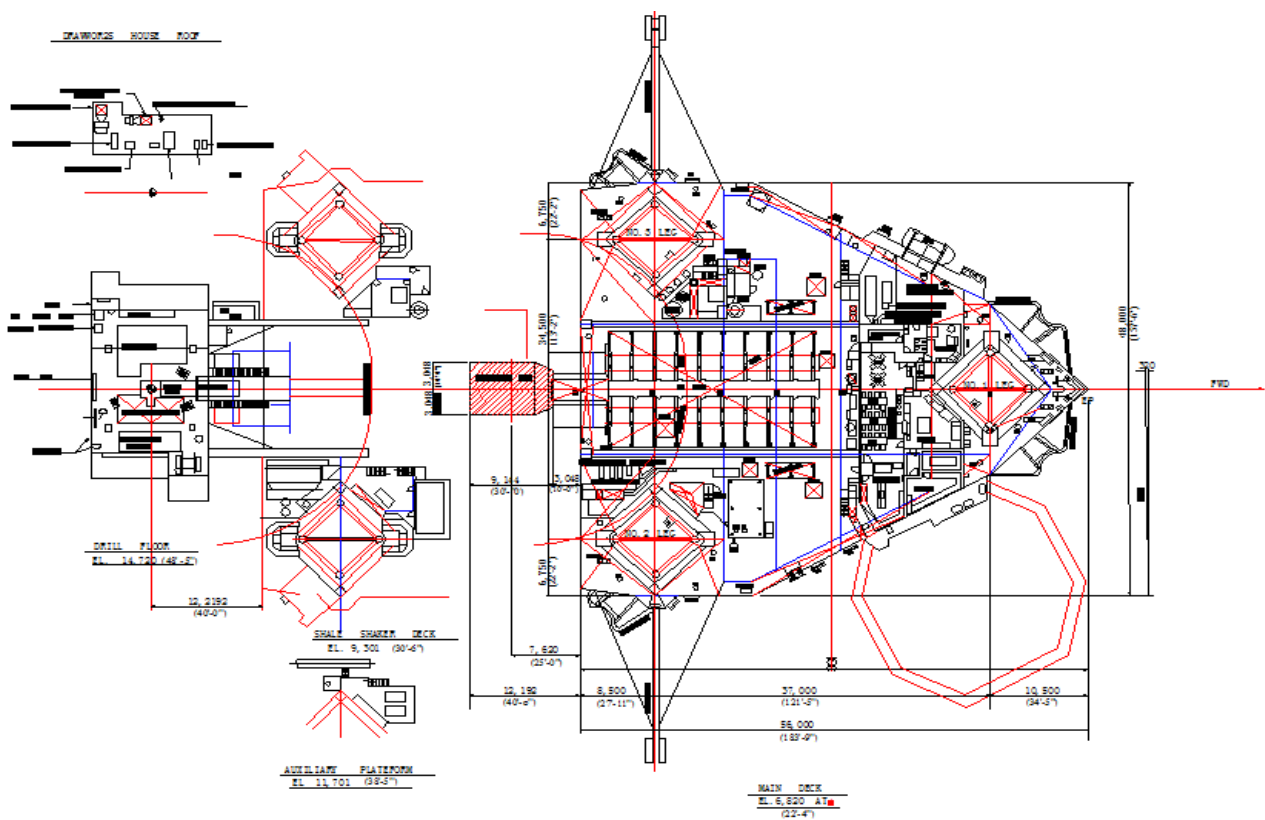
Mooring Equipment

Mooring Winches	4* Mitsubishi Heavy Industries, LTD Hiroshima Shipyard & Engine works/40/10T×4/16M,40mt rated pull capacity.
Anchor Lines	JuLi Sling Co.,LTD/6x25Fi+IWR2160/1-1/2 inch/800m
Anchors	4* Kotobuki Industries Co.,LTD./Danforth Type

OTHER FEATURES

Helideck	Sikorski S61 N Helicopter
Tension System	N/A

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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