

BO HAI 4 HAO



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General Description

Design/Generation	Robray 300
Constructing Shipyard	Hitachi Shipbuilding & Engineering Co. Ltd
Deliver Year/Upgrades	1977
Classification	CCS
Flag	China
Overall Dimensions	287.91ft L × 212ft W × 27ft D
Legs	417.33ft (127.2m)
Usable leg below hull	350ft (106.6m)
Spud-can diameter	54ft (16.5m)
Draft at loadline	15ft (4.57m)
Displacement	9578tons (2111.59kips)
Drilling Variable Load	2455.83tons (5414.09kips)
Cantilever Envelope	45ft × ± 12ft
Operating Water Depth	91.44m (300ft)
Max. Rating Drilling Depth	20,000ft (6096m)
Accommodation	120 beds

Drilling Equipment

Derrick	Woolslayer Company, 160 ft. high, with 30ft. long × 30ft. wide base.
Hookload Capacity	589 ton (1300 kips)
Drawworks	National 1320 UDBE/G.E.752R1A 2 × 800hp
Top Drive	Varco / TDS-8SA, 1,150hp, Test 7,500psi / Working 5,000psi
Rotary Table	National / C-375
Mud Pumps	Baoji Oil machinery Company / F-1600*2, TSC NF-1600*1, working 5,000psi / test 7,500psi
Solid Control	4 × NOV BRANDT/VSM 300
Drilling Manifold	Rated for 5,000 Psi

Power Plant

Main Power	4 × Caterpillar 3516DITA diesel engines rated at 1,609hp, 1,200 rpm
Emergency Power	1 × Caterpillar 3412DITA, 620Kw (831BHP)

STORAGE CAPACITIES

Fuel Oil	515 m3 (18197.88ft3/3239bbl)
Liquid Mud	338.35m3 (2128 bbl)
Brine	N/A
Base Oil	N/A
Drill Water	861.3 m3 (30415.1 ft3/5417bbl)
Potable Water	377.1 m3 (13317.3 ft3/2372bbl)
Bentonite/barite	167.6 m3 (5922.54ft3/1054bbl)
Cement	167.6 m3 (5922.54ft3/1054bbl)
Sack Storage	4,000 sacks

BOP Equipment

Diverter	N/A
BOP annular	SHAFFER/13-5/8" /5000psi
BOP rams	SHAFFER / TYPE U, 13-5/8" × 10k Psi, Single Ram; SHAFFER / TYPE U, 13-5/8" × 10k Psi, Dual Ram;
BOP handling	2 × 30 Tons, LETOURNEAU INC;

Cranes

Port&Stbd	2 × Amclyde Unit Lucker Division/ Unit - 10000HD/26.31tons/12.19m
Port AFT	1 × Amclyde Unit Lucker Division/Unit - 10000HD/26.31tons/12.19m
Knuckle-Boom	N/A

Mooring Equipment

Mooring Winches	4 × Marathon Letourneav co./ W-1500-TS, electric,
Anchor Lines	4 × 3280ft
Anchors	4 × Jiangsu yangyuan ship equipment Co., Ltd/Danforth 4540kg

OTHER FEATURES

Helideck	Rated for Sikorsky S-61 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.

