



Rig Name: COSL1-4
 Design: COSL
 Year of Construction: 2006
 Construction Yard:
 JiangSu NanTong

DESIGN STANDARD

Max. Rating Drilling Depth: 22960ft
 Accommodation: 94

MAIN DIMENSIONS

Living Building Module:
 Length:21.3m Width:32.15m Height:15.5m
 Power Module:
 Length:14.9m Width:24.132m Height:7.0m
 Mud Module:
 Length:11.5m Width:27.13m Height:12m
 Drilling Module:
 Length:19.608m Width:23.088m Height:15.203m

DRILLING EQUIPMENT

Drawworks: JC-70D, 7000m
 Derrick: HJJ450-47-Z, 450T
 Travelling Block: YC-450, 450T
 Crown Block: TC450-12, 450T
 Top Drive: TDS-11SA, 500T
 Rotating Table: ZP-375, 5850KN
 Mud Pumps: F-1600, 5000Psi

BOP EQUIPMENT

BOP Stack:
 Rong Sheng Machinery Manufacture Ltd,
 29-1/2", 0.5K; 20-3/4", 3.0K; 16-3/4", 5.0K
 Cameron, 13-5/8", 10K
 BOP Control System:
 Guangzhou Dong Su Machinery Manufacture
 Co., Ltd., Q800-6

POWER PLANT

Main Diesel Engines: 4EA, CAT 3512B
 Power: 980KW x 1200RPM
 Main Generator:
 1400KVA, 980KW, 600V/60HZ/1683A
 SCR System: 4EA, 750V, 2200A

STORAGE CAPACITIES

Fuel Oil: 102m³
 Lub. Oil: 2.5m³
 Drill water: 105m³
 Potable Water: 102m³
 Bentonite/barite: 90m³
 Cement: 90m³
 Total useable capacity of mud storage: 256m³

LIFTING SYSTEM

Crane (1): MALANTON, PCM-120S
 Location: Starboard
 Boom length: 36m
 Safety work load: 30T
 Block capacities: 3°~79°
 Effective length of boom

Inspective load	Safety load
35m 5T	4T
21m 15T	12T
9m 30T	25T

 Crane (2): LIBUHERR, RL 1500-50 D LSC
 Location: larboard
 Boom length: 41m
 Max. working wind speed: 25m/s
 Resistance to max. gustiness for boom: 36m/s
 Block capacities
 Min working radius: 4m
 Max working radius: 41m - 15° boom angle
 Hoisting speeds: 0-18/min with full load
 0-44/min with empty load
 Whip capacity
 Min working radius: 6m
 Max working radius: 36m - 15° boom angle
 Hoisting speeds: 0-60/min with full load
 0-120/min with empty load

ACCOMMODATION

Company Representative's Office: 2
 Contractor Representative's Offices: 1
 Radio Room: 1
 Hospital Room/beds: 1/1
 Accommodations
 Quantity of single bed rooms: 1
 Quantity of two bed rooms: 3
 Quantity of three bed rooms: 1
 Quantity of four bed rooms: 17
 Quantity of six bed rooms: 2
 Toilets: 26
 Showers: 25
 Galley: 1
 Recreation Rooms: 1
 Change Rooms: 1