

BARUNA

General

Rig Name : Baruna I
Rig Type : Accomodation Work Barge
Rig Design : Lewis Holland&Associates
Year Built/
Upgradeed : 1970
Builder : 1989
Classification : BKI – RINA
Flag : Indonesian



Main Particulars

Hull Length : 400 ft
Hull Breadth : 76 ft
Hull Depth : 20 ft
Transit Draft : 92 ft
Light Ship : 4884 GT, 5471 st
Displacement at loadline : 5369 GT, 5916 st
Fuel consumption (avg. Work over assist) : 30bbl/day
Accomodation : 144
Helideck : 400 ft
Fender : Chained Tires (60 ea. For both side)

Storage Capacities

Fuel Oil : 6000bbl
Drill Water : 5773 bbl
Potable Water : 1500 bbl
Liquid Mud (Total) : 1000 bbl
Barite/Bentonite : 3150 ft3
Bulk Cement : 3150 ft3
Sack Storage : 2400 sacks

MUD System / MIXING Pumps

Make/Model : HALCO/ 1 7/8" PEDESTAL
Output Capacity : 1400 @ 140 ft U.S GPM
Drive Motor type : Electric
Power Output : 100 HP

Cranes

Reach Below Main Deck (Block/WHIP) : 20 (main hoist), 177 (WHIP)
Boom Length : 150 ft

Engine NO. 6

Quantity : 1 ea
Make : Carterpillar
Type : 8-L-47
KVA : 700 KW / 875 KVA
Output Volts : 480 Volts
Amps : 1460 amp
RPM : @ 1200 RPM

Transformer System

Make/Model : General Electric -9-T-238 3875
Continuous Power : 150 KVA
Output Volts : 208-120 Volts
Frequency : 60 HZ
Quantity : 2 ea
Make/Model : Power Magnetic
Continuous Power : 1600 KVA
Output Volts : 600 Volts
Frequency : 60 HZ

Emergency Shutdown

Emergency Shutdown Switches for the Complete System (AC&DC), Located at the Following Points (AC&DC), MUD PUMPROOM&CLERCK OFFICE

SCR System

Number of SCR : 2
Make / Type : Tech Power Control CO. / ISO-DRILL
Maximum Continuous Power Output Volts : 900 KW/ Per SCR : 760 DC Volts