

DERRICK BARGE 32 HEAVY LIFT & S-LAY



Derrick and pipelay barge with shallow water capability

Official Flag: Panama
Built/Year: Singapore - 2010
Class: ABS + A1, Barge

Hull Dimensions

LOA: 456 ft [139 m]
Beam: 120 ft [37 m]
Depth: 29.5 ft [9 m]
Operating Draft: 16.5 ft [5 m] max.

Towing

Anchor: 1 to meet regulatory body approval
Anchor System: 10 @ 22,000 lb [9.8 MT] anchor; 2 in wire



Communication & Navigation

Communication: email / fax / phone / VSAT

Radio: VHF, GMDSS, SSB

Radar: 1

Gyro Compass: 1

Echo Sounder: 2

Accommodation

Berths (air conditioned & heated): 292

Medical: clinic with two beds

Other Facilities: galley, mess room, laundry, movie room, conference room, exercise room, internet café, customer offices

Power

Distribution: 440 V, 220 V, 110 V, 60 Hz

Main Generator: 4 @ 1,285 kW

Emergency Generator: 1 @ 600 kW

Speed: 6 kts

Safety

Life Raft: 24 @ 25-persons

Rescue Boat: 1

MOB: 18

Safety System: meets flag and regulatory body requirements

Cranes

Derrick Crane: AmClyde Model 50

Main Block: 1,650 ST @ 131 ft radius [1,500 MT @ 40 m radius]

Aux Block: 660 ST @ 213 ft radius [600 MT @ 65 m radius]

Whip Block: 300 ST @ 246 ft radius [270 MT @ 75 m radius]

Pedestal Crane: AmClyde Model 35000

Boom Length Main: 170 ft [51.8 m]

Main Hook Capacity Fixed: 76 ST [62.6 MT]

Deck Crane: 1 Manitowoc 999 crawler crane

Boom Length: 200 ft [61 m]

Pipelay Equipment

Min. OD: 6 in

Max. OD: 60 in

Tension Machine: 2 @ 132 kip

Tension Capacity: 264 kip

A & R Hoist: 264 kip

Wire Rope: 2.5 in

Ramp Station: 10

Davits: Portable

Equipment

Air Compressor: 2 @ 750 cfm, 145 psi; 2 @ 100 cfm, 200 psi

Jet Pump: Portable

Welding Machine: manual and automatic

Antipollution: oil spill response kit, oily water separator
1 @ 11 gpm

Water Maker: 3 @ 44,909 usg/day [3 @ 169,999 L/day]

Helideck: 84 ft x 84 ft [25.6 m x 25.6 m]

Construction Equipment: assisting tugs, material barges, survey equipment, diving systems, x-ray, NDT, and hammer equipment, as required on a project-specific basis

Tanks

Fuel: 927,938 usg [3,512,630 L]

Ballast Water: 3,519,825 usg [13,323,990 L]

Fresh Water: 519,825 usg [1,965,970 L]

Lube Oil: 1,485 usg [5,621 L]

Contact

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