GPMC 7500T-120-WS
LIFTBOAT
Multipurpose Offshore Well Intervention and Accommodation Support Liftboat

MAIN FEATURES
- Drilling and Well Servicing operations
- Accommodation support during offshore construction and platform maintenance.
- Offshore Hook-up and Commissioning support

CRANES
- 50 MT and 120 ft boom
- 50 MT and 110 ft boom

ACCOMMODATION
- 120 Complements
- 14x4-men/28x2-men/8x1-man

HELIPAD
- 12.8 MT Helicopter
- 22.2 m 'D' value

OVERALL DIMENSIONS
- Hull Length: 65.55 m
- Hull Beam: 42.00 m
- Hull Depth: 6.00 m
- Transit Draught: ~3.67 m

DESIGN ENVIRONMENT
- Max Water Depth: 60m to 75 m
- Min Water Depth: 8 m
- Air Gap: 8 m to 20 m
- Max Wave Height: 11 m
- Surface Current: 1.5 knots
- Wind Speed: 70 knots
- Leg Penetration: 3 m to 12 m

CLASSIFICATION
- ABS: A1 Self Elevating Drilling Unit
- AMS

SPUDCAN
- Area: 70 m²
- Max bearing pressure: 50 MT/m² in Preload Conditions

GPMC 7500T-120-WS Rev A6
GPMC 7500T-120-WS
LIFTBOAT

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**AZIMUTH THRUSTERS**
2 x 1200 kW
Transit Speed: 6 knots

**JACKING SYSTEM**
Fixed Type, Rack and Pinion (Electric)
Number: 4 x 18 (= 72) Pinions
Normal Jacking: 100 MT/pinion
Preload Jacking: 125 MT/pinion
Normal Holding Capacity: 160 MT/pinion
Storm Holding Capacity: 210 MT/pinion
Jacking Speed: 3 ft/min for hull
4 ft/min for legs

**21 SUN**
ENDURANCE
21 days
Autonomy for Fuel and Fresh Water

**TUNNEL THRUSTERS**
2 x 750 kW

**MUD CLEANING EQUIPMENTS**
- Shale shaker
- Degasser
- Desilter
- Centrifuge

**ENDURANCE**
21 days
Autonomy for Fuel and Fresh Water

**X-SKIDDING**
15.25m (50ft)

**Y-SKIDDING**
6.096m (20ft)

**CANTILEVER PACKAGE**
- Cantilever Reach: 15.24m x 6.10m (50ft x 20ft)
- Hook Load Capacity: 227 MT (500 kips)
- Cantilever Length x Width: 34.00m x 10.50m
- Derrick Working Height: 35.05 m (115ft)
- Draw works: - Power 858 kW (1150 hp)
- Mud Pump: 552 kW (750 hp), 345 bar (5,000 psi) (2 Nos)
- Cementing Unit: 690 bar (10,000 psi)
- Cementing manifold: 3”; 10,000 psi design pressure

**VARIABLE LOADS**
- Transit: 1200 MT
- Survival: 950 MT
- Jacking: 1200 MT

**MAIN FEATURES**
- Drilling and Well Servicing operations
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**DECK AREA**
800 m² (useful)
Green Palm Marine Consultancy (GPMC) offers new multi-purpose self-elevating, self-propelled platform (Liftboat) designs and customized MODU Jackup solutions (rig conversions and upgrades) to serve a wide range of operations related to offshore construction, platform maintenance, accommodation support, well services, coil tubing, etc. The solutions are customized to client requirements, complying with international standards on operations and safety.

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