


Shallow Water Jackup (Rig) Acceptance Criteria & Comparison Table

Shallow Water Jackup (Rig) Acceptance Criteria & Comparison Table		
General Project Data:		
Depth of Drilling	4,300 meters	6,000 meters
Inclination of Wells	Horizontal	
Drilling Mud Weight	150 pcf (lbs per cubic feet)	
Mud Type	Oil Base M, Water Base Mud	
Hole problems	Stuck pipes, well flow	
Crane Operation	Heavy lifts (up to 25 tons)	
Platform Height	23 m LAT	
Recorded Water Low Tide	1.6 m	
Recorded Water High Tide	3.5 m	
Draft at transit mode	≤ 3.2 m	
General Rig Data:		
Design		BMC 150 IC
Year of Construction		1981
Classification		ABS (2027)
Upgrade(s)		N/A
Length		46.024 m
Width		47.548 m
Depth of Hull		5.486 m
Last Contract (Company / Conclusion)		Client TBD / February 2024
Barge (Rig) Requirements	Accepted	
Draft at transit mode	≤ 3.2 m	3.658 m
Transit Variable Load	≥ 1,100 ton	1485 tonnes
Drilling Variable Load	≥ 1,600 ton	1443.33 tonnes
Crane (No x Capacity)	≥ 2 x 45 T	1 x 46 & 1 x 22.6 tonnes 1 x 51st & 1 x 25st
Drawworks Power	≥ 2000 hp	2000 hp
Engines Power (Steady)	≥ 5000 hp	4860 hp (4 x 1215 hp)
Emergency Power		1215 hp
Mud Pumps Power	≥ 2 x 1600 hp	2 x 1600 hp (Continental Emsco FB 1600)
Mud Pump Working Pressure	≥ 4500 psi	5000 psi
Mast Load		1000 kips
Rotary Table (Static Load / Zero Load)		500 tonnes / 350 RPM 650 tonnes
Top Drive (Load / Torque / RPM)	≥ 1000 kips / 35 klb-ft / 220	1102 kips / 34.7 kft-lbs / 185 RPM 770kips/31kft-lbs/209RPM
Crown Block		583 st (DRECO 6170-D247 6X 52" sheaves)
Travelling Block		500 st (DRECO RA-52-6 6X 52" sheaves)
Swivel (Rated Capacity / Pressure)		500 ton / 5000 psi (National P400) (National P500)
Maximum airgap	≥ 23 m	13.56 m
Leg Penetration	real recorded data: 22 m - 30 m	Historically below 40ft
Spud can Bottom jets	Must Have	Available
Spud can Top jets	Must Have	Not Available
Cantilever Reach AFT, from/to	≥ 40 ft	0 ft to 40 ft
Cantilever Transverse, PORT/STBD	≥ 15 ft	10 ft port /10 ft S/B
Rotatry load	≥ 1,000 kips	1000 kips 750kips
Setback load	≥ 600 kips	500 kips
Accommodation (POB)	≥ 90 person	92 88
Fuel Capacity	≥ 290 m3	343.73 m3
Potable Water Capacity	≥ 400 m3	326.24 m3
Mud Pits Volume	≥ 2000 bbl	1549 bbl
Bulk bentonite/barite/Cement	≥ 255 m3	113.26 m3 113.26m3 Mud + 113.26m3 Cement
Burner Boom	Must Have 2 set	None