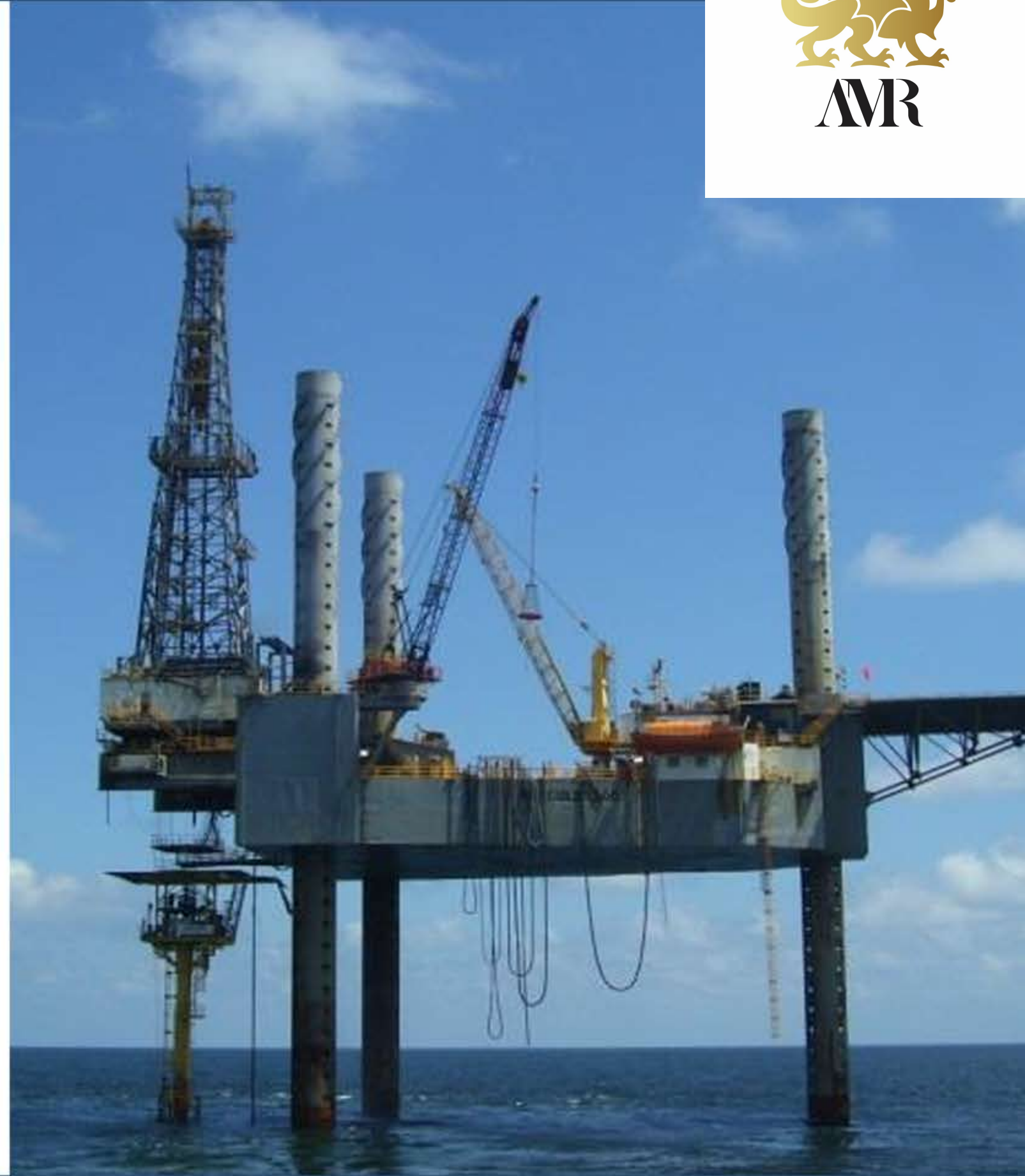
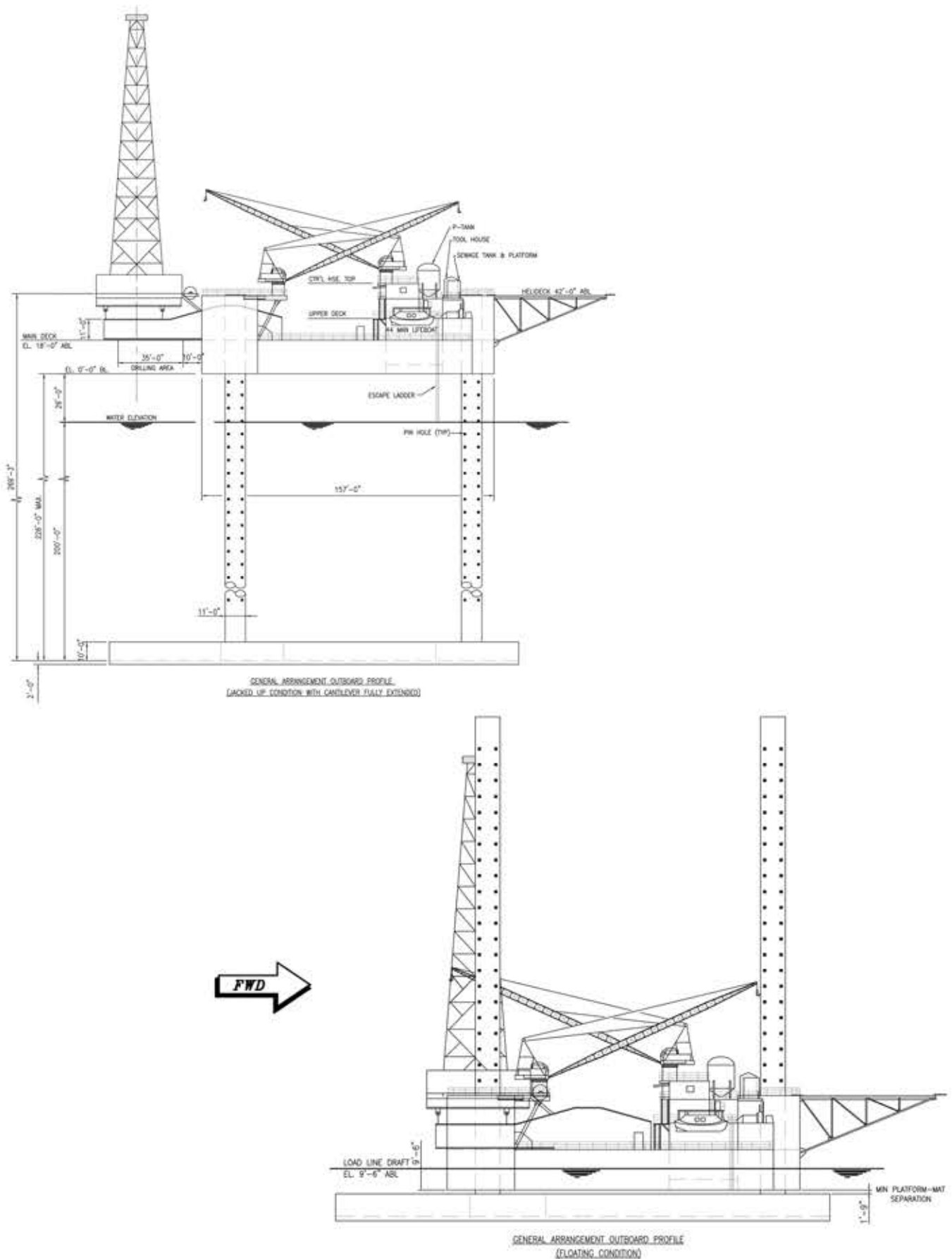


# GAEA 4



“The GAEA 4 is a Bethlehem designed JU-200MC mat-supported cantilevered Jackup rated for operation in water depths of up to 200 ft and drilling depths of up to 20,000 ft. The GAEA 4 is ready for transport from the USA to its required location as and when it is needed.”

### Classification

Name	GAEA 4
Type	JU-200MC
Water Depth (ft)	200
Drilling Depth (ft)	20,000
Registration Country	Liberia
Current Location	Gulf of Mexico, USA
Availability	Available

### Capacities

Fuel	2,184 bbls
Drill Water	5,992 bbls
Portable Water	1,063 bbls
Liquid Mud	1,491 bbls
Bulk Tanks	6,000 cu.ft.
Sack Storage	3,000 sacks
Variable Load (includes drilling load)	4,500 kips
Accommodation	52 persons
Helideck	Designed for S-61

### Principal Dimensions

#### Hull

Hull Length (ft)	157
Hull Breadth (ft)	132
Hull Depth (ft)	18

#### Mat

Mat Length (ft)	220
Mat Breadth (ft)	185
Mat Depth (ft)	12 (including 2 ft skirt)

#### Legs

Number of Legs	3
Type	Tubular
Length (ft)	269.25
Size (ft)	11 (OD)
Pinholes	4 pinholes spaced 6 ft

### Power System

Main Power	3x Detroit Diesel 16V-149 TIB 1,800 rpm / 1,750 hp engines with 3x Kato 1,200 SR9E 600 VAC / 1140 kW generators
Power System	4 x 4 IPS SCR System
Emergency Power	1x Auxiliary Detroit Diesel 16V-149 TIB 1,800 rpm / 1,750 hp engine driving a Kato 1,200 SR9E 600 VAC / 1,140 kW generator. Can be added into main power distribution

### Cantilever

Reach	45 ft from transom
Transversal Travel	12 ft either side
Max Cantilever Load	1,000 kips
Static Hook Load	750 kips
Rotary	750 kips
Setback	500 kips

### Drilling Equipment and Mud System

Derrick	Derrick Service International 147' x 30' x 30' with a static hook load capacity of 750,000 lbs
Drawworks	National 1320UE, 2,000 hp with GE 752 electric motors
Rotary Table	National C-375, with 1x GE 752 electric motor
Top Drive	National Oilwell PS-500/500 Electric
Crown Block	National 7-60FA: 500 ton
Travelling Block	MCKISSICK: 650 ton
Mud Pumps	2x National 12-P-160 triplex
Shale Shakers	2x Brandt Scalpers 2x Derrick High Speed Cascading 1x Derrick Cyclone Mud Conditioner 1x SWACO Degasser

### BOP Equipment

BOP	13-5/8" Shaffer annular preventer, 5,000 lb WP, H <sub>2</sub> S trim 13-5/8" Cameron Type "U", 10,000 psi WP double ram preventer, H <sub>2</sub> S trim 13-5/8" Cameron Type "U", 10,000 psi WP single ram preventer, H <sub>2</sub> S trim
BOP Handling	2x JD Ingersoll Rand Hercu-link BOP handling overhead cranes with a rated capacity of 30 tons each combined capacity of 60 tons

### Hoisting Equipment

Cranes	1x National OS-105 Hydraulic Pedestal, 100 ft boom Maximum capacity 25.92 tons at 25 ft 1x Seaking SK-2300 Series 62 Hydraulic King Post, 100 ft boom Maximum capacity 37.9 tons at 20 ft.
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