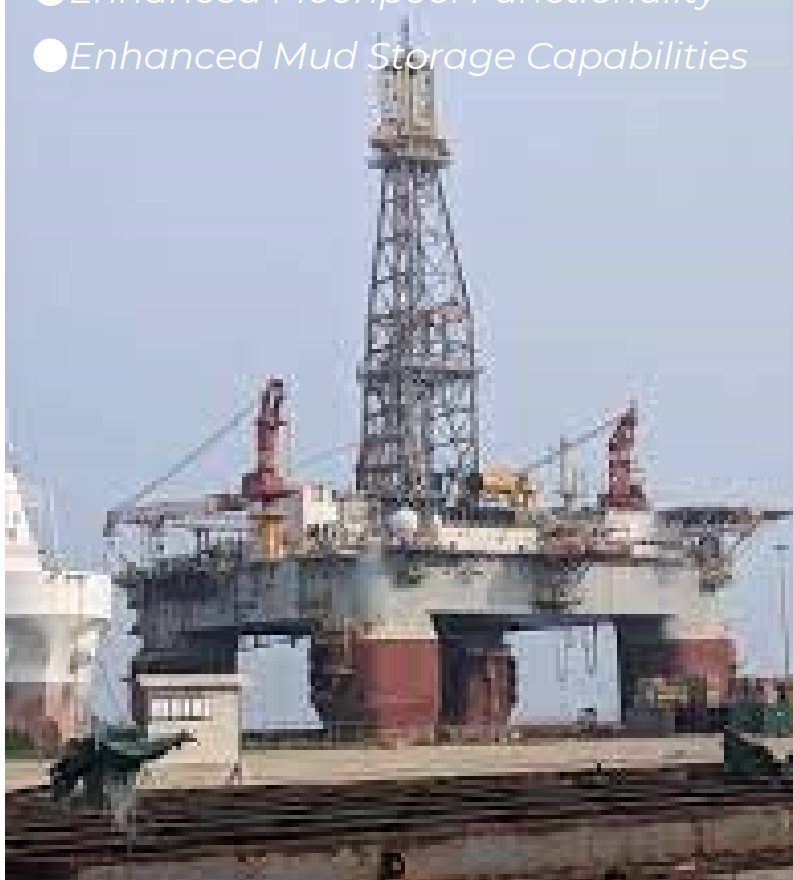


- *Increases Variable Deck Load*
- *DPS-2 + Classification*
- *Enhanced Moonpool Functionality*
- *Enhanced Mud Storage Capabilities*



## GENERAL DESCRIPTION

**Quarters Capacity: 148 man**

**Operating Water Depth 7,874 ft [2,400 m]**

**Drilling Depth 22,967 ft [7,000 m]**

**Max. Drilling Variable Deck Load 12,787 kips [5,500 m.tons]**

**Max. Transit Variable Deck Load 9,921 kips [4,000 m.tons]**

**Max. Survival Variable Deck Load 12,787 kips [5,500 m.tons]**

**\*Plus 2500 m.ton Lower Hull Consumables**

**Heliport Designed for Sikorsky S-92**

## VESSEL DIMENSIONS

	Imperial	Metric
Length Overall	344.4 ft	[105 m]
Width Overall	239.8 ft	[73.1 m]
Main Deck Length	225 ft	[68.6 m]
Main Deck Width	220 ft	[67.1 m]
Depth of Upper Hull	26.5 ft	[8.1 m]
Column Dimensions	50.5 x 45.2 ft	[13.7 x 12.2 m]
Pontoon Length	344.4 ft	[105 m]
Pontoon Depth	25 ft	[7.6 m]
Draft-Drilling	55 ft	[16.75 m]
Draft-Survival	50 ft	[15.25 m]
Draft-Transit	24 ft	[7.3 m]
Displacement at:		
▶ Drilling Draft		36,415 tonnes
▶ Survival Draft		35,230 tonnes
▶ Transit		28,115.10 tonnes

## STORAGE CAPACITIES

	Imperial	Metric
Liquid Mud [Upper Hull]	3,300	[518.5 cu.m]
Liquid Mud [Columns]	bbls	[324.40 cu.m]
Brine	2,000	As Required
Base Oil	bbls	As Required
Potable Water	2,728 bbls	[440 cu.m]
Drill Water	15,664 bbs	[2,495 cu.m]
Fuel Oil	18,264 bbls	[2,925 cu.m]
Sack Storage:		5,000 sacks
Bulk Storage:		
▶ Barite/Bentonite	6,921.6 cu.ft	[210 cu.m]
▶ Surge Tank	106 cu.ft	[3.0 cu.m]
▶ Cement	4,500 cu.ft	[125 cu.m]

## STATION KEEPING

Mooring System	Winches (2), Harbor Mooring
Windlasses	3" x 400 m
Dynamic Positioning	
▶ Thrusters	(8) x 2,425kw, 360° Azimuthing Fixed Pitch, Variable Speed

## MUD CONDITIONING EQUIPMENT

Derrick "Flow-Line Scalper System"	one (1)
Derrick "Hi-G" Finishing Shakers	three (3)
Derrick "Hi-G" Finishing Shakers w/Hydrocyclone	one (1)
Centrifuges	two (2) (Future)
Vacuum Degasser	one (1)





### WELL CONTROL EQUIPMENT

BOP Stack	18 3/4" at 15,000 psi
Control System	4th Generation Mux
Mux Reels (each)	8,500 ft [+/-1,830 m]
Marine Riser	21" O.D.
▶ Quantity	101 x 75 ft with Flotation
Slip Joints	Two (2) each with 55ft stroke
BOP Crane	270 MT
BOP Transporter	400 MT
BOP Service Cart	433 MT
Riser Tensioner	Four Dual (4) 250K & Two Single 250K
Moonpool Dimensions	85.892 x 22.638 ft
Diverter	60 1/2 in
Diverter Line	12" port/stbd

### DRILLING EQUIPMENT

	Imperial	Metric
Derrick	40 x 46 x 190 ft	[14.2 x 15.85 x 65m]
Drill Floor Height	131.9 ft ABL	40.23 m ABL
Drill Floor Dimensions ft	52'-2" x 74'-8"	[15.94 x 22.8 m]
Tubular Setback Capacity	1,500 kips	680.3 MT
Rotary		60 1/2 in
Hoisting Equipment		
▶ Drawworks		4 x 1,500 hp DC Drive
▶ Traveling Block		1,000 Short Ton
▶ Drill String Compensator		800 Kip, in Line
▶ Top Drive		Optional
Pipe Racking System		Varco PRS

### CRANES

Deck Crane (Port)	60 mt @ 30 feet
Deck Crane (Starboard)	50 mt @ 30 feet
Deck Crane (Aft)	50 mt @ 30 feet

### RIG POWER SYSTEM

Engines	Seven(7) Caterpillar 3616
Alternators	11 Kv

### SAFETY EQUIPMENT

Lifelines	Four (4) x 75 person
Life Rafts	One(1) x 6 person

