



FRIDA I

SSDU SPECIFICATION



GENERAL		PRINCIPAL DIMENSIONS	
Built	: 2011	Main deck length	: 250ft (76,2m)
Class	: DNV-GL	Main deck width	: 250ft (76,2m)
Design	: GustoMSC TDS-2500	Lower Hull length overall	: 320ft (97,53m)
Variable Load	: 14,991kips (6,800mt)	Lower Hull width overall	: 246ft (74,98m)
Min Water Depth	: 230ft (70m)	Moonpool dimensions	: 134 x 20.5ft (40,84 x 6,27m)
Max Water Depth	: 8,202ft (2,500m)	Keel to main deck	: 99ft (30,18m)
Max Drilling Depth	: 32,808ft (10,000m)	Main deck to drill floor	: 143ft (43,59m)
Accommodation	: 200 POB	Displacement at transit	: 55,504kips (25,177mt)
		Displacement at drilling	: 79,603kips (36,108mt)
		Variable Load	: 14,991kips (6,800mt)
CRANES		POWER, PROPULSION & MOORING	
Pedestal mounted	: 2x TSC 240, 64,5mt	Main Engines	: 10x EMD 710G 5,438 HP (4,000kW ea)
Riser Gantry Crane	: 1x TSC for riser handling, 2x 66kips (30mt) hook	Thrusters	: 8 x 3,889HP (8 x 2,860 kW) Wartsila
		Mooring	: 8 point pre-laid mooring 70m (229ft) up to 500m (1640ft)
DRILLING EQUIPMENT		WELL CONTROL	
Derrick	: NOV 2,000 kips (907mt)	BOP – Rams	: NOV Shaffer, 18 ¾”, 5x Rams, 15k
Pipe Handling Machine	: NOV PRS 8i	BOP – Annular	: 2x NOV Shaffer, 10k
Drilling System	: NOV Amphion	Choke Manifold	: NOV, 3 1/16, 15k
Drawworks	: NOV SSGD, SWL 2,000kips (907mt)	Diverter	: NOV, 21 ¼, 500psi (34 bar)
Top Drive	: NOV TDS 1000A	BOP Control System	: NOV Shaffer
Rotary Table	: NOV RST605-2G, 60 ½ “ (1.54m)	Riser Tensioner	: 10 X 250kips (10 x 113 mt)
Motion Compensator	: NOV – Crown Mounted Comp: 1,000kips (454mt) Static: 2,000kips (907mt)	Marine Riser	: NOV 21”x 75’ (0.53 x 22,86 m)
Iron Roughneck	: NOV AR4500	Telescopic joint	: NOV Shaffer – 65’stroke
STORAGE CAPACITIES		MUD SYSTEM	
Potable water	: 2,515 bbl (400m³)	Mud pumps	: 4x NOV 14P220 2,200HP, 7,500psi (517 bar)
Diesel Fuel (MDO)	: 21,794 bbl (3,465m³)	Shale shakers	: 5x NOV King Cobra II
Drill Water	: 13,315 bbl (2,117m³)	Trip tank	: 2x 55bbl (2x 9m³)
Brine	: 3,748 bbl (596m³)	Mud Gas Separator	: NOV Brand MGS Poor Boy
Bulk Barite/Bentonite	: 3,440 bbl (547m³)	Degasser	: NOV Brand DG12
Bulk Cement	: 1,710 bbl (272m³)		
Sack material	: 1,237 ft2 (115m²)		
Base Oil	: 3,748 bbl (596m3)		
Liquid mud – active	: 4,786 bbl (761m³)		
Liquid mud – reserve	: 7,497 bbl (1,192m³)		