

## Sapura Pelaut



### General

Design :	FELS SSDT800 / Petrodril
Built/Year :	Far East Livingston Shipbuilding (FELS), Singapore / 1994
Rig Type :	Semi-Submersible Self-Erecting TAD Rig
Major Upgrades :	2020
Flag :	Panama
Classification :	ABS
Class Notations :	+A1 Column Stabilised Drilling Tender

### Main Dimensions / Technical

Length x Breadth :	308 ft x 128 ft x 52 ft
Max. Water Depth :	800 ft
Min. Water Depth :	30 ft
Drilling Depth :	30,000 ft
Variable Load :	2,314 MT
Helideck :	S61N
Helideck Compliance :	CAP437
Accommodation :	130 persons

### Drilling Equipment

Derrick :	MH-Pyramid bootstrap mast, quadruple
Hookload / Setback :	1,000 kips / 1,200 kips
Drawworks :	NOV 1625-DE - 3,000 HP with disc brake system
Racking Capacity :	20,000 ft 5-7/8" DP
Top Drive :	NOV TDS-8S AC, 650 tonnes, 62,250 ft-lbs cont torque
Pipe Handling :	PH-100
Iron Roughneck :	HawkJaw Senior, Model 100K-2GSR
Rotary Table :	National C-375 with 37 1/2" table opening
Power Slips :	Varco PS-21
Drilling Line :	7,500 ft x 1-3/8" OD
DES Dry Weight :	750 MT
DES Number Of Lifts :	15
Max. Platform Height :	88 ft

### Storage Capacities

Fuel :	5,160 bbls
Drill Water :	18,847 bbls
Potable Water :	3,330 bbls
Liquid Mud :	3,528 bbls
Base Oil :	1,700 bbls
Brine :	2,313 bbls
Barite / Bentonite :	5,099 cu ft / 1,766 cu ft
Cement :	6,638 cu ft
Sack Storage :	9,000 sacks on pallets or 8,000 sacks plus 100 drums of chemical

### Power

Main Engines :	4 x Cat 3606TA @ 1,900kW
Main Generators :	4 x Kato AC @ 1,800 kW
Total Power :	7,200 kW
Emergency Power :	1 x Cat 3512TA @830 kW

### Well Control

Diverter :	29-1/2" Hydril MSP, 500 psi
BOP :	21-1/4" Hydril Type MSP, 2k ABOP 21-1/4" Hydril, 2 x 2k SRBOP 13-3/8" Hydril Type 5000, 5k ABOP 13-3/8" Hydril Type, 10k DRCOP
C&K Manifold :	10,000 psi
BOP Hoist :	50 tonnes

### Mud System

Mud Pumps :	3 x National 12-P-160, triplex, 1,600 HP
Pressure Rating :	7,500 psi
Shale Shakers :	4 x Brandt VSM 300
Mud Gas Separator:	30" OD with 8" OD vent line
Degasser :	Swaco CD-1400 Hurricane
Brine Pump :	1 x National 8-P-80, triplex, 800 HP

### Lifting Equipment

Main Crane :	Favelle Favco PC 250 with 170 ft boom
Main Crane Rating :	200 MT @ 20.0 m radius (DF=2.0)
Deck Crane :	Favelle Favco 7.5/10K with 150 ft boom
Deck Crane Rating :	36.3 MT @ 10.7 m radius (DF=2.0)
Master Skid Cranes 1 :	2 x Master Skid knuckle joint cranes
Master Skid Crane Rating :	7,500 lbs SWL

### Tubular

Drill Pipe :	5-7/8" DP
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### Offline Activity Capability

OAC Crane :	X-Y gantry crane @ monkey board, 12,000 lbs SWL
OAC Power Tong :	HawkJaw Senior, Model 100K-2GSR
URF Activity Cantilever :	NIL

### Station Keeping

Anchor Wire :	8 x 2 1/4" OD x 5,000 ft, galvanised steel wire ropes
Anchors :	Stevpris 7.5 MT x 8
Mooring Winches :	4 x National Model D-4502-E, dual drum, electric winches

### Other Features

Lifeboats :	4 Jiangyin Neptune Marine Type NPT85F 75 men per boat, Total capacity: 300 men
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\* Owners reserve the right to amend the specifications without notifications.