

## Sapura T - 19



### General

Design :	Flat bottom barge
Built/Year :	Kencana HL, Lumut, Malaysia / 2010
Rig Type :	Self-Erecting TAD Rig
Major Upgrades :	Nil
Flag :	Panama
Classification :	ABS
Class Notations :	+A1 Barge Drilling Tender & 'Statement-of-Fact' for MODU A.649 (16)

### Main Dimensions / Technical

Length x Breadth :	320 ft x 90 ft x 37.3 ft
Max. Water Depth :	800 ft with conventional mooring system/ 6,000 ft with pre-laid mooring system
Min. Water Depth :	39 ft
Drilling Depth :	20,000 ft
Variable Load :	8,800 MT
Helideck :	S61N/ S92
Helideck Compliance :	CAP437
Accommodation :	145 persons

### Drilling Equipment

Derrick :	Loadmaster Bootstrap Mast, Quad, 186 ft
Hookload / Setback :	1,000 kips / 1,200 kips
Drawworks :	LEWCO LDW1500K 3,000 HP
Racking Capacity :	20,000 ft 5" DP
Top Drive :	AKER DDM-750-AC, 750 tonnes, 59,150 ft-lbs at 98 rpm torque
Pipe Handling :	AKER 'Knuckle Link' type Pipe Handler
Iron Roughneck :	HawkJaw, Mod 100K-2GSR
Rotary Table :	LEWCO L-375 with 37 1/2" table opening
Power Slips :	BLOHM & VOSS Power Slip Type PS-500
Drilling Line :	7,500 ft x 1-1/2" OD
DES Dry Weight :	1085 MT
DES Number Of Lifts :	23
Max. Platform Height :	115 ft

### Storage Capacities

Fuel :	5,700 bbls
Drill Water :	17,000 bbls
Potable Water :	4,000 bbls
Liquid Mud :	5,347 bbls
Base Oil :	5,271 bbls
Brine :	2,605 bbls
Barite / Bentonite :	12,600 cu ft
Cement :	8,400 cu ft
Sack Storage :	9,000 sacks on pallets or 6,000 sacks plus 100 drums of chemical

### Power

Main Engines :	6 x Caterpillar 3516B @ 1,383 kW
Main Generators :	6 x Kato AC Model AA27589002 @ 1,600 kW
Total Power :	7,680 kW
Emergency Power :	1 x Cat 3512-D1TA, Kato 6P6-2650 @ 1020 kW

### Well Control

Diverter - BOP :	21 1/4" Hydril 'MSP', 2k ABOP
	21 1/4" Hydril, 2k, 2 x SRBOP
BOP :	13 3/8" Hydril 'GX', 10k ABOP
	13 3/8" Cameron, 10k, 1 x SRBOP & 1 x DRBOP
C&K Manifold :	10,000 psi
BOP Hoist :	50 MT SWL

### Mud System

Mud Pumps :	3 x Lewco W-1712, triplex, 1600 HP
Pressure Rating :	7,500 psi
Shale Shakers :	4 x MI Swaco Model BEM-650 shakers
Mud Gas Separator:	30" OD x 22 ft OAH with 6-ft mud seal 8" OD vent line
Degasser :	MI Swaco CD-1400 D-gasser, 1,150 GPM

### Lifting Equipment

Main Crane :	Favelle Favco PC300 with 170 ft boom
Main Crane Rating :	300 MT @ 18.0 m radius (DF=2.0)
Deck Crane :	Favelle Favco 6/10K with 135.17-ft boom
Deck Crane Rating :	20 mt @ 10 m radius (DF=2.0)
Master Skid Cranes :	1 x 'CraneSafe' knuckle crane
Master Skid Crane Rating :	10,000 lbs SWL

### Tubulars

Drill Pipe :	20,000 ft of 5 7/8" DP
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### Offline Activity Capability

OAC Crane :	Yes
OAC Power Tong :	HawkJaw Model 100K-2GSR Power Tong
URF Activity Cantilever :	Nil

### Station Keeping

Anchor Wire :	8 x 2 1/2" OD x 4,600 ft galvanised steel wire ropes
Anchors :	8 x 10 MT Delta Flipper
Mooring Winches :	4 x Skagit Model DMW 250, dual drums electric winches

### Other Features

Lifeboats :	4 x 80-person, Jiangyin Norsafe survival crafts
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\* Owners reserve the right to amend the specifications without notifications.