

Sapura T - 20



General

Design :	Flat bottom barge
Built/Year :	Kencana HL, Lumut, Malaysia / 2014
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 with 5 7/8" OD Drill pipe
Variable Load :	8,800 MT
Helideck :	S61N / S92N / Super Puma
Helideck Compliance :	CAP437
Accommodation :	145 persons

Drilling Equipment

Derrick :	SBI/Aker Telescoping Mast, 152 ft
Hookload / Setback :	750 kips / 590 kips
Drawworks :	Aker Wirth GH3000 EG-AC-1G, 3,000 HP
Racking Capacity :	20,000 ft with 5 7/8" OD drill pipe
Top Drive :	Aker DDM 650, cont torque 63,400 ft-lbs 500T
Pipe Handling :	AKER 'Knuckle Link' type Pipe Handler
Iron Roughneck :	HawkJaw Industries TWREX Senior Power Tong
Rotary Table :	Aker Rotary Table with 37 1/2" table opening
Power Slips :	BLOHM & VOSS Power Slip Type PS-500
Drilling Line :	5,000 ft x 1 3/8" OD
DES Dry Weight :	773.961 MT
DES Number Of Lifts :	15
Max. Platform Height :	115 ft

Storage Capacities

Fuel :	5,700 bbls
Drill Water :	17,034 bbls
Potable Water :	4,025 bbls
Liquid Mud :	5,408 bbls
Base Oil :	5,220 bbls
Brine :	2,640 bbls
Barite / Bentonite :	8,000 / 4,000 cu ft
Cement :	8,000 cu ft
Sack Storage :	9,000 sacks on pallents or 8,000 sacks plus 100 drums of chemical

Power

Main Engines :	6 x Cat 3516C @ 1,383 kW
Main Generators :	6 x Kato AC Generators @ 1,290 kW
Total Power :	7,740 kW
Emergency Power :	1 x Cat 3512C with Kato generator @ 1,030 kW

Well Control

Diverter - BOP :	21 1/4" Hydril 'MSP', 2k ABOP
BOP :	21 1/4" Hydril, 2k, 2 x SRBOP 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 :	70 MT SWL

Mud System

Mud Pumps :	3 x Aker Wirth TPK, 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 high with 14-ft mud seal
Degasser :	Swaco CD-1400 Hurricane, 1,400 gpm

Lifting Equipment

Main Crane :	1 x Heavy Lift Crane with 170-ft boom
Main Crane Rating :	400 MT @ 18.0 m radius (DF=2.0)
Deck Crane :	Favelle Favco 8/10K with 148-ft boom
Deck Crane Rating :	45 MT SWL
Master Skid Cranes :	2 x CraneSafe or equivalent knuckle crane
Master Skid Crane Rating :	7,500 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 Senior, 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 BROHL Model DMW RAMW-25, dual drums, electric, winches

Other Features

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