

Sapura T - 12



General

Design :	Flat bottom barge
Built/Year :	MMHE Malaysia / 2010
Rig Type :	Self-Erecting TAD Rig
Major Upgrades :	Nil
Flag :	Panama
Classification :	ABS
Class Notations :	+A1 Barge Drilling Tender

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 :	30 ft
Drilling Depth :	30,000 ft
Variable Load :	7,108 MT
Helideck :	S61N/ S92
Helideck Compliance :	CAP437
Accommodation :	157 persons

Drilling Equipment

Derrick :	MH-Pyramid Telescoping Mast
Hookload / Setback :	750 kips / 500 kips
Drawworks :	National 1320-UDBE - 2,000 HP
Racking Capacity :	20,000 ft 5" DP
Top Drive :	NOV TDS-8S AC, 650 st, 62,250 ft-lbs cont torque
Pipe Handling :	PH-100
Iron Roughneck :	1 x HawkJaw 100K-2GS Senior 1 x HawkJaw 65K-95QJR Juniors
Rotary Table :	LEWCO L-375 with 37 1/2" table opening
Power Slips :	PS-500
Drilling Line :	7,500 ft x 1-3/8" OD
DES Dry Weight :	762.8 MT
DES Number Of Lifts :	10
Max. Platform Height :	90 ft

Storage Capacities

Fuel :	5,439 bbls
Drill Water :	19,060 bbls
Potable Water :	3,831 bbls
Liquid Mud :	5,070 bbls
Base Oil :	3,300 bbls
Brine :	400 bbls
Barite / Bentonite :	4,200 cu ft / 4,200 cu ft
Cement :	8,400 cu ft
Sack Storage :	9,000 sacks

* Owners reserve the right to amend the specifications without notifications.

Power

Main Engines :	6 x Cat 3516-BTA
Main Generators :	6 x Kato AC 6P7-2050 @ 1,600 kW
Total Power :	7,740 kW
Emergency Power :	1 x Cat 3512-D1TA, Kato 6P6-2650 @ 1020 kW

Well Control

Diverter :	21 1/4" Diverter spool, ball valves and 12" 1D diverter lines
BOP :	21 1/4" Hydril MSP, 2k 2 x SRBOP 21 1/4" Hydril, 2k 2 x SRBOP 13 5/8" Hydril, 10k ABOP 13 5/8" Hydril, 10k 2 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, 1,700 HP
Pressure Rating :	7,500 psi
Shale Shakers :	4 x Brandt VSM 300
Mud Gas Separator:	30" OD x 22 ft high with 8" OD vent line
Degasser :	Swaco CD-1400 Hurricane, 1400 GPM

Lifting Equipment

Main Crane :	Favelle Favco PC250 with 170-ft boom
Main Crane Rating :	200 MT @ 20.0 m radius (DF=2.0)
Deck Crane :	Favelle Favco 6/10K with 140-ft boom
Deck Crane Rating :	20 mt @ 10 m radius (DF=2.0)
Master Skid Cranes :	2 x Master Skid knuckle joint cranes
Master Skid Crane Rating :	7,500 lbs SWL

Tubulars

Drill Pipe :	5" DP
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Offline Activity Capability

OAC Crane :	Bridge OAC Crane @ monkey board 12,000 lbs SWL
OAC Power Tong :	HawkJaw Senior, Model 100K-2GSR
URF Activity Cantilever :	N/A

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 + 1 x spare anchor
Mooring Winches :	4 x Skagit Model DMW 250, dual drums electric winches

Other Features

Lifeboats :	4 x 80 person. Jjiangyin Norsafe JYN85F survival crafts, Total capacity: 320 men
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