

Sapura T - 10



General

Design :	Flat bottom barge
Built/Year :	MMHE, Johor, Malaysia/2007
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

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 :	150 persons

Drilling Equipment

Derrick :	MH-Pyramid Bootstrap Mast
Hookload / Setback :	1,000 kips / 1,200 kips
Drawworks :	LEWCO LDW3000, 3000 HP
Racking Capacity :	30,000 ft of 5 7/8" DP
Top Drive :	NOV TDS-8S AC, 750 Ton (681MT), 62,250 ft-lbs Cont. torque
Pipe Handling :	PH-100
Iron Roughneck :	HawkJaw Senior, Model M100K-2GSR Power Tong
Rotary Table :	LEWCO L-375 - 37.5"
Power Slips :	B&V PS-500
Drilling Line :	7,500 ft x 1 1/2" OD
DES Dry Weight :	701.92 MT
DES Number Of Lifts :	15
Max. Platform Height :	90 ft

Storage Capacities

Fuel :	5,495 bbls
Drill Water :	19,060 bbls
Potable Water :	1,985 bbls
Liquid Mud :	5,072 bbls
Base Oil :	2,200 bbls
Brine :	2,636 bbls
Barite / Bentonite :	6,000 cu ft
Cement :	8,000 cu ft
Sack Storage :	9,000 sacks on pallets / 8,000 sacks plus 100 drums of chemical

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

Power

Main Engines :	6 x Cat 3516-BTA
Main Generators :	6 x Kato AC 6P7-2650 @ 1,290 kW
Total Power :	7,740 kW
Emergency Power :	1 x Cat 3512B, Kato 6P6-1800 @ 1,030 kW

Well Control

Diverter :	21 1/4" Hydril 'MSP', 2k ABOP 21 1/4" Hydril 'V', 2k 2 x SRBOP 21 1/4" 2K, Diverter Spool
BOP :	13 3/8" Hydril 'GX' 10k ABOP 13 3/8" Hydril 10,000, 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, 1700 HP
Pressure Rating :	7,500 psi
Shale Shakers :	4 x Brandt Rigtech VSM 300
Mud Gas Separator :	30" OD x 22 ft high with 6 ft mud seal and 8" OD vent line
Degasser :	Swaco CD-1400 Hurricane, rated 1,400 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 @ 5.5 m radius (DF=2.0)
Master Skid Cranes :	2 x Crane Safe
Master Skid Crane Rating :	7,500 lbs SWL

Tubulars

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

OAC Crane :	Yes
OAC Power Tong :	Yes - HawkJaw Senior, Model M100K-2GSR Power Tong
URF Activity Cantilever :	Yes with wireline unit

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 70 person, Jiangyin Norsafe J survival crafts Total capacity: 280 men
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