

## Sapura T - 18



### General

Design :	Flat bottom barge
Built/Year :	COSCO Nantong China / 2013
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 :	160 persons

### Drilling Equipment

Derrick :	Aker Telescopic Mast
Hookload / Setback :	750 kips / 550 kips
Drawworks :	NOV DSGD-500, AC 2,300 HP
Racking Capacity :	20,000 ft 5" DP
Top Drive :	NOV TDS-8S AC, 750 tonnes, 62,250 ft-lbs cont torque
Pipe Handling :	PH-100
Iron Roughneck :	HawkJaw Junior, Model 65K-950JR
Rotary Table :	NOV D-375 1RD with 37 1/2" table opening
Power Slips :	PS-21
Drilling Line :	5,000 ft x 1-3/8" OD
DES Dry Weight :	730 MT
DES Number Of Lifts :	15
Max. Platform Height :	90 ft

### Storage Capacities

Fuel :	5,440 bbls
Drill Water :	20,084 bbls
Potable Water :	3,831 bbls
Liquid Mud :	5,234 bbls
Base Oil :	3,300 bbls
Brine :	2,409 bbls
Barite / Bentonite :	4,200 cu ft / 4,200 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 Cat 3516-C DITA SCAC @ 1,900kW
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 :	Nil
BOP :	13-5/8" Cameron, 5k ABOP 13-5/8" Cameron 10k 1 x SRBOP & 1 x DRBOP
C&K Manifold :	10,000 psi
BOP Hoist :	35 MT SWL

### Mud System

Mud Pumps :	3 x Aker, triplex 1600 HP
Pressure Rating :	7,500 psi
Shale Shakers :	3 x Axiom AX-1
Mud Gas Separator :	30" OD with 8" OD vent line
Degasser :	Swaco CD-1400 Hurricane, 1400 GPM

### Lifting Equipment

Main Crane :	Favelle Favco PC300 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 :	Forum 12,000 lbs SWL
OAC Power Tong :	HawkJaw Junior, Mode 65K-950JR
URF Activity Cantilever :	Yes

### Station Keeping

Anchor Wire :	8 x 2 1/2" OD x 4,600 ft galvanised steel wire ropes
Anchors :	8 x 7 MT Stevpris 7.5 MK6
Mooring Winches :	4 x Skagit Model DMW 250, dual drums electric winches

### Other Features

Lifeboats :	4 x 80 person. Jianguyin Norsafe JYN85F survival crafts
Offline cementing :	Yes

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