

T-16

A purpose-built barge-type self-erecting tender assisted drilling rig with a flat bottom, raked stern and bow hull shape. The rig is designed for development drilling involving multiple well slots on fixed wellhead platforms in up to 6,000 ft of water with pre-laid mooring.



GENERAL	
Design	Flat Bottom Barge
Built / Year	COSCO Nantong China / 2013
Rig Type	SETR
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	6,000 ft w/Pre-laid Mooring
Min. Water Depth	30 ft
Drilling Depth	20,000 ft
Variable Load	7,108 mt
Helideck	S61N & S92
Helideck Compliance	CAP437
Accommodation	160
DRILLING EQUIPMENT	
Derrick	NOV Telescopic Mast
Hookload	750 kips
Drawworks	NOV DSGD, 2,300 HP
Racking Capacity	20,000 ft 5 7/8" DP
Top Drive	NOV TDS-8S AC, 650 st, 63,000 ft-lbs Cont Torque
Pipe Handling	PH-100
Iron Roughneck	HawkJaw Junior, Mod 65K – 950JR
Rotary Table	LEWCO L-375 – 37.5"
Power Slips	PS-500
Drilling Line	7,500 ft x 1-3/8" OD
DES Dry Weight	767 mt
DES Number of Lifts	7
Max. Platform Height	90 ft
STORAGE CAPACITIES	
Fuel	5,440 bbls
Drill Water	17,745 bbls
Potable Water	3,831 bbls
Active/Reserve Liquid Mud	5,234 bbls
Base Oil	3,300 bbls
Brine	2,409 bbls
Bulk Bentonite / Barite	4,200 / 4,200 cu ft
Bulk Cement	8,400 cu ft
Sack Storage	9,000 Sacks

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-DITA, KATO 6p6-2650 @ 1020 kW
WELL CONTROL	
Diverter	Nil
BOP	13-5/8" Cameron, 5k ABOP. 13-5/8" Cameron, 10k 1xSRBOP & 1x DRBOP
C&K Manifold	10k psi
BOP Hoist	50 mt
MUD SYSTEM	
Mud Pumps	3 x National 12P160, Triplex 1,600 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
LIFTING EQUIPMENT	
Main Crane	Favco PC250 / 170-ft Boom
Main Crane Rating	200 mt @ 20.0 m radius (DF=2.0)
Deck Crane	Favelle Favco PC20-6/10K 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
Crane Rating	14,000 lbs
TUBULARS	
Drill Pipe	5" DP
OFFLINE ACTIVITY CAPABILITY	
OAC Crane	Cantilever Crane, 12,000 lbs
OAC Power Tong	HawkJaw Junior, Model 65K-950JR
Offline Electric Log	Yes - URF
STATION KEEPING	
Anchor Wire	8 x 2 1/2" OD x 4,600 feet Galvanised Wire Ropes
Anchors	8 x 10 mt Delta Flipper + 1EA Spare
Mooring Winches	4 x Skagit Model DMW 250, Dual Drums, Electric Winches
OHTER FEATURES	
4 x 80 Men Jianguyin Norsafe Survival Crafts, Offline Cementing	