

## T-15

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.



Technical specifications are preliminary and may change during the course of the shipyard project without prior notice

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### GENERAL

<b>Design</b>	Flat bottom barge
<b>Built/year</b>	COSCO Nantong China / 2013
<b>Rig type</b>	SETR
<b>Major upgrades</b>	Nil
<b>Flag</b>	Panama
<b>Classification</b>	ABS
<b>Class notations</b>	+A1 Barge Drilling Tender

### MAIN DIMENSIONS/TECHNICAL

<b>Length x breadth</b>	320 ft x 90 ft x 37.3 ft
<b>Max water depth</b>	6,000 ft w/ pre-laid mooring
<b>Min. water depth</b>	30 ft
<b>Drilling depth</b>	20,000 ft
<b>Variable load</b>	7,108 mt
<b>Helideck</b>	S61N/ S92
<b>Helideck compliance</b>	CAP437
<b>Accommodation</b>	160

### DRILLING EQUIPMENT

<b>Derrick</b>	NOV Telescopic Mast
<b>Hookload</b>	750 kips
<b>Drawworks</b>	NOV DSGD, 2,300 HP
<b>Racking capacity</b>	18,000 ft 5" DP
<b>Top drive</b>	NOV TDS-8S AC, 650 st, 63,000 ft-lbs cont torque
<b>Pipe handling</b>	PH-100
<b>Iron Roughneck</b>	HawkJaw Junior, Mod 65K-950JR
<b>Rotary table</b>	LEWCO L-375 - 37.5"
<b>Power slips</b>	PS-21
<b>Drilling Line</b>	5,000 ft x 1-3/8" OD
<b>DES dry weight</b>	749 mt
<b>DES number of lifts</b>	7
<b>Max Platform height</b>	90 ft

### STORAGE CAPACITIES

<b>Fuel</b>	5,440 bbls
<b>Drill water</b>	17,745 bbls
<b>Potable water</b>	3,831 bbls
<b>Liquid mud</b>	5,234 bbls
<b>Base oil</b>	3,300 bbls
<b>Brine</b>	2,409 bbls
<b>Barite/Bentonite</b>	4,200/ 4,200 cu ft
<b>Cement</b>	8,400 cu ft
<b>Sack storage</b>	9,000 sacks

### POWER

<b>Main engines</b>	6 x Cat 3516-BTA
<b>Main generators</b>	6 x Kato AC 6P7-2050 @ 1,600 kW
<b>Total power</b>	7,740 kW
<b>Emergency power</b>	1 x Cat 3512-DITA, Kato 6P6-2650 @ 1020 kW

### WELL CONTROL

<b>Diverter</b>	Nil
<b>BOP</b>	13-5/8" Cameron, 5k ABOP 13-5/8" Cameron, 10k 1xSRBOP & 1xDRBOP
<b>C&amp;K manifold</b>	10k psi
<b>BOP hoist</b>	50 mt

### MUD SYSTEM

<b>Mud pumps</b>	3 x National 12P160, triplex 1,600 HP
<b>Pressure rating</b>	7,500 psi
<b>Shale shakers</b>	3 x Derrick 626
<b>Mud gas separator</b>	30" OD with 8" OD vent line
<b>Degasser</b>	Swaco CD-1400 Hurricane

### LIFTING EQUIPMENT

<b>Main crane</b>	Favco PC300 / 170-ft boom
<b>Main crane rating</b>	250 mt @ 20.0 m radius (DF=2.0)
<b>Deck crane</b>	Favelle Favco PC20-6/10K with 140-ft boom
<b>Deck crane rating</b>	20 mt @ 10 m radius (DF=2.0)
<b>Master skid cranes</b>	2 x Master skid knuckle joint cranes
<b>Crane rating</b>	14,000 lbs

### TUBULARS

<b>Drill pipe</b>	5" DP
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### OFFLINE ACTIVITY CAPABILITY

<b>OAC crane</b>	Cantilever Crane, 12,000 lbs
<b>OAC power tong</b>	HawkJaw Junior, Model 65K-950JR
<b>Offline electric log</b>	Yes -URF

### STATION KEEPING

<b>Anchor wire</b>	8 x 2 1/2" OD x 4,600 feet galvanised wire ropes
<b>Anchors</b>	8 x 10 mt Delta Flipper + 1ea spare
<b>Mooring winches</b>	4 x Skagit Model DMW 250, dual drums, electric winches

### OTHER FEATURES

4 x 80 men Jiangyin Norsafe Survival Crafts, Offline cementing