

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.

For further information: www.aquadrilloffshore.com



GENERAL

Design	Flat bottom barge
Built	COSCO Nantong China
Year	2013
Rig type	STR
Major upgrades	Nil
Flag	Panama
Classification	ABS
Class notations	+A1 barge drilling tender

DIMENSIONS/TECHNICAL

Length x breadth	320 ft x 90 ft x 37.3 ft
Max water depth	6,000 ft 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
Hookland	750 kips
Drawworks	NOV DSGD, 2,300 HP
Raking capacity	18,000 ft 5" 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	L WCO L-375-37.5"
Power slip	PS-21
Drilling line	5,000 ft x 1-3/8" OD
DES dry weight	749 mt
DES number of limits	7
Max platform height	90 ft

STORAGE CAPACITIES

Fuel	5,440 bbls
Drillwater	17,745 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
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 at 1,600 kW
Total power	7,740 kW
Emergency power	1 x cat 3512-DITA, kato 6P6-2650 at 1020 kW

WELL CONTROL

Diverter	Nil
BOP	13-5/8" Cameron, 5k ABOP, 13-5/8" Cameron, 10k 1xSRBOP and 1xDRBOP
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 Derrick 626
Mud gas separator	30" DO with 8" OD vent line
Degasser	Swaco CD-1400 Hurricane

T16



LIFTING EQUIPMENT

Main crane	Favco PC300, 170 ft boom
Main crane rating	250 mt at 20.0 m radius (DF=2.0)
Deck crane	Favelle favco PC0-6/10k with 140 ft boom
Deck crane rating	20 mt at 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
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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 ft galvanized wire ropes
Anchors	8 x 10 mt delta flipper + 1 ea spare
Mooring winches	4 x skagit model DMW 250, dual drums, electric winches

OTHER FEATURES

4 x 80 men Jiangyin Norsafe survival crafts, offline cementing

