

2013 Hot Flat Bottom Hot Drilling Barge Tender

General Specifications

GENERAL	
Design	Flat Bottom Barge
Built / Year	in China / 2013
Rig Type	SETR
Major Upgrades	Nil
Flag	TBD
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
DRILLING EQUIPMENT	
Derrick	NOV Telescopic Mast
Hookload	750 kips
Drawworks	NOV DSGD, 2,300 HP
Racking Capacity	20,000 ft x 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

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 1 x SRBOP & 1 x 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

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LIFTING EQUIPMENT	
Main Crane	Favco PC300 / 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 ½" 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
OTHER FEATURES	
4 x 80 Men Jiangyin Norsafe Survival Crafts, Offline Cementing	