

CAPRICORN



CAPRICORN

For further information: www.aquadrilloffshore.com

GENERAL (IMPERIAL)

Delivery	Q4 – 2011
Design	Fried & Goldman ExD millennium
Classification Agency	ABS
Dimensions	379.6' x 296.6'
Operating draft	55.8' – 65.6'
Transit draft	27.7'
VDL – Operating	7,716 st
VDL – Survival	7,716 st
VDL – Transit	5,511 st
Transit speed	7 kn
Outfitted max WD	7,500' (10,000')
Max drilling depth	37,500'
Quarters	180
Helideck capacity	EH - 101

DRILLING PACKAGE

Derrick	1250 st (2.5 MM lbs)
Racking capacity	27,100 ft 6 5/8", 14,300 ft 5 7/8"
BHA	2,440 ft DC/BHA
Casing storage 13 3/8", 9 5/8" or 7"	7,500 ft or 9,680 ft or 14,000 ft
Drawworks	Wirth GH 4500
Rotary table	Wirth 60 1/2
Top drive	1,000 st, dual AC motor/AkMH

MUD SYSTEM

Pressure rating	7,500 psi
Pumps	4 X 2,000 HP Wirth pumps
Solid control	8 X Derrick 503 VE shakers

RISER SYSTEM

Riser tension	AkMH DAT system, 3,600 kips
Riser type/maker	Load King 3.5/Cameron
Riser min ID	19 1/4"
Kill/Choke lines min ID	4.5"
Kill/Choke lines rating	15, 000 psi

CAPACITIES

Diesel	21,270 bbls
Drillwater	14,702 bbls
Potable water	4,488 bbls
Bulk product	27,360 cu ft



Sack storage	6,200 sacks (50lb)
Base oil	4,774 bbls
Brine	4,875 bbls
Liquid mud	18,800 bbls
Mudpits (excl slug/mix)	6,808 bbls

WELL CONTROL

Diverter	Vetco 60.5"
BOP	Cameron 0.48 m (18 3/4") 15 kpsi
Rams	6 rams, 15 kpsi
C&K manifold	Techdrill 15 kpsi

POWER

Main engines	8 x cat 3,616
Total power	50,560 hp
Main generators	ABB, SF-6 breakers
Emergency power	1 x cat 3512 B, 13 kW

STATION KEEPING

DP class	DPS-2+
DP control system	Kongsberg
Mooring lines	Harbor mooring only
Thrusters – Azimuth	8 x ABB/AMB 630L&L VATFMH
Thruster hp	4,500 hp per thruster

TUBULARS

Drill pipe	6 5/8" FH WAM EIS 5 7/8" FH WAM EIS
------------	--

CRANES

Pedestal cranes	2 x seatrax, SWL 105 mt
Knuckle boom crane	SWL 15 mt
BOP crane	2 x 250 mt, Tot: 500 mt
Riser gantry crane	15 mt
Christmas tree crane	2 x 75 mt, Tot: 150 mt

CAPRICORN



CAPRICORN

For further information: www.aquadrilloffshore.com



GENERAL (METRIC)

Delivery	Q4 – 2011
Design	Fried & Goldman ExD millenium
Classification Agency	ABS
Dimensions	115.7 X 90.4 m
Operating draft	17 – 20 m
Transit draft	8.2 m
VDL – Operating	7,000 mt
VDL – Survival	7,000 mt
VDL – Transit	5,000 mt
Transit speed	7 kn
Outfitted max WD	2,286 m (3,050 m)
Max drilling depth	11,400 m
Quarters	180
Helideck capacity	EH - 101

CAPACITIES

Diesel	3,380 m ³
Drillwater	2,330 m ³
Potable water	714 m ³
Bulk product	775 m ³
Sack storage	6,200 sacks (22.7 kg)
Base oil	760 m ³
Brine	775 m ³
Liquid mud	2,990 m ³
Mudpits (excl slug/mix)	1,080 m ³

DRILLING PACKAGE

Derrick	1,134 mt
Racking capacity	8,260 m 6 5/8", 4,360 m 5 7/8"
BHA	744 m DC/BHA
Casing storage 13 3/8" or 9 5/8" or 7"	2,286 m or 2,950 m or 4,267 m
Drawworks	Wirth GH 4500
Rotary table	1.54 m (60 1/2")
Top drive	908 mt, dual AC motor

WELL CONTROL

Diverter	Vetco 1.54 m (60 1/2")
BOP	Cameron 0.48 m (18 3/4") 6 rams, 1034 bar
C&K manifold	Techdrill 1034 bar

MUD SYSTEM

Pressure rating	517 bar
Pumps	4 X 1,600 kW, (2,00 hp)
Solid control	8 X Derrick 503 VE shakers

POWER

Main engines	8 x cat 3,616
Total power	37.7 MW
Main generators	ABB, SF-6 breakers
Emergency power	1 x cat 3512 B, 13 kW

RISER SYSTEM

Riser tension	19.6 MN
Riser type/maker	Cameron
Riser min ID	0.49 m (19 1/4")
Kill/Choke lines min ID	0.11 m (
Kill/Choke lines rating	1,034 bar

STATION KEEPING

DP class	DPS-2+
DP control system	Kongsberg
Mooring lines	Harbor mooring only
Thrusters – Azimuth	8 x ABB/AMB 630L8L VATFMH
Thruster hp	3.35 MW per thruster

TUBULARS

Drill pipe	6 5/8" FH WAM EIS
	5 7/8" FH WAM EIS

CRANES

Pedestal cranes	2 x Seatrax, SWL 105 mt
Knuckle boom crane	SWL 15 mt
BOP crane	2 x 250 mt, Tot: 500 mt
Riser gantry crane	15 mt
Christmas tree crane	2 x 75 mt, Tot: 150 mt