

# CAPELLA



CAPELLA

(Metric)

Further information: [www.aquadrilloffshore.com](http://www.aquadrilloffshore.com)



## GENERAL (METRIC)

Design	Samsung Design
Built Year	Q4 - 2008
Flag	Panama
Classification	ABS
Dimensions	228 x 42 m
Operating Draft	12.05 m
Transit Draft	12.05 m
VDL – Operating	18,000 mt
VDL – Survival	15,000 mt
VDL – Transit	17,000 mt
Transit Speed	11.5 kn
Outfitted Max WD	3050 m
Max Drilling Depth	11,430 m
Quarters	180
Helideck Capacity	Chinook

## DRILLING EQUIPMENT

Derrick	Double Derrick
Drawworks	NOV, 4220 kW
Racking capacity	13,700 m
Top Drive	NOV Hydralift, HPS 1000, 106350 Nm
Rotary Table	1.54 m (60.5")

## STORAGE CAPACITIES

Fuel	5818 cu m.
Potable water	2800 cu m.
Liquid mud	960 cu m.
Bulk product	295 cu m.
Brine	500 cu m.
Sack storage	7000 sx
Mudpits (excl slug/mix)	14 cu m.

## POWER

Main engines	6 Wartsila
Main generators	6 ea 11kv 7 MW, 6000KVA
Total power	6 ea 7 MW
Emergency power	1 ea 1500kW

## WELL CONTROL

Diverter	1.49 m (59"), 1M
BOP	1 ea Shaffer 0.48 m (18 3/4") 6 cavities, Vetco H 4 Connector
C&K manifold	15 m

## MUD SYSTEM

Pumps	4 ea 1620 kW
Pressure rating	517 bar
Solid Control	VSM 300 1 X Quadruple, 1 Dual VSM 300

## LIFTING EQUIPMENT

Pedestal cranes	4 ea knuckle boom
API SWL	85T
BOP crane	2 x 175
Riser gantry crane	N/A

## TUBULARS

Drill pipe	9144 m 5 7/8" XT57, NS-1 505 m 5 1/2" HWDP, 505 m 3 1/2"
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## RISER SYSTEM

Riser type/maker	Schaffer 27.4 m (90 ft)
Rise min ID	0.476 m (18 3/4")
Kill/Choke lines min ID	0.114 m (4.5")
Kill/Choke lines rating	1034 bar

## STATION KEEPING

DP class	DP3
DP control system	Simrad SDPM 32
Thrusters	Rolls Royce 60 mt

# CAPELLA



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(Imperial)

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## GENERAL (IMPERIAL)

Design	Saipem 10000
Built Year	Q4 – 2008
Flag	Panama
Classification	ABS
Dimensions	748 x 138 ft
Operating Draft	47.5 ft
Transit Draft	47.5 ft
VDL – Operating	20,000 mt
VDL – Survival	16,500 mt
VDL – Transit	18,700 mt
Transit Speed	11.5 km
Outfitted Max WD	10,000 ft
Max Drilling Depth	37,500 ft
Quarters	180
Helideck Capacity	Chinook

## DRILLING EQUIPMENT

Derrick	Double Derrick
Drawworks	NOV, 5750 hp
Racking capacity	44,950 ft
Top Drive	NOV Hydralift, HPS 1000, 78,450 ft lbs
Rotary Table	60.5"

## STORAGE CAPACITIES

Fuel	36,600 bbls
Drillwater	17,600 bbls
Potable water	4,750 bbls
Liquid mud	6,040 bbls
Bulk product	32,460 cu ft
Brine	3,145 bbls
Sack storage	7,000 sx
Mudpits (excl slug/mix)	14

## POWER

Main engines	6 Wartsilla
Main generators	6 ea 11kv, 6000 KVA
Total power	6 ea 9400 hp
Emergency power	1 ea 2040 hp

## WELL CONTROL

Diverter	59", 1M
BOP	1 ea Shaffer 18 3/4" 6 cavities, Vetco H 4 Connector
C&K manifold	15 KPSI

## MUD SYSTEM

Pumps	4 ea 2200 hp
Pressure rating	7,500 psi
Solid Control	VSM 300 1 X Quadruple 1 dual VSM 300

## LIFTING EQUIPMENT

Pedestal cranes	4 ea knuckle boom
API SWL	93 st
BOP crane	2 x 193 st
Riser gantry crane	N/A

## TUBULARS

Drill pipe	30,000 ft 5 7/8" XT57 NS-1 1,659 ft 5 1/2" HWDP, 1,659 ft 3 1/2"
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## RISER SYSTEM

Riser tension	3,200 kips
Riser type/maker	90 ft, Shaffer
Rise min ID	18 3/4"
Kill/Choke lines min ID	4.5"
Kill/Choke lines rating	15,000 psi

## STATION KEEPING

DP class	DP3
DP control system	Simrad SDPM 32
Thrusters	Rolls Royce 66 st