



# CAPELLA

6<sup>th</sup> GEN ULTRA DEEPWATER DRILLSHIP

RIG OWNED BY AQUADRILL  
OPERATED BY VANTAGE DRILLING

More information: [marketing@vantagedrilling.com](mailto:marketing@vantagedrilling.com)



## TECHNICAL SPECIFICATIONS

### General Information

Rig Name	Capella (imperial)
Year Entered Service	Q4 - 2008
Design	Samsung 10000
Flag	Panama
Classification Agency	ABS
Dimensions	748 x 138 ft
Operating Draft	39.4 ft
Transit draft	27.9 ft
VDL - Operating	22,047 st
VDL - Survival	16500 st
VDL - Transit	19,841 st
Transit speed	11.5 kn
Outfitted Max WD	10000 ft
Max Drilling Depth	37500 ft
Quarters	180
Helideck Capacity	Chinook 21.3MT

### Drilling Package

Derrick	Dual Derrick - NOV
Racking Capacity	R2 – 46,620 ft; & R3 – 48,470ft
Drawworks	NOV, 5750Hp
Rotary Table	60.5"
Top Drive	NOV Hydralift, HPS 1000 – 78,450ft-lbs

### Mud System

Pressure Rating	7.500 psi
Pumps	4 ea 2200 hp
Solids Control	VSM 300 1 X Quadruple 1 Dual VSM 300

### Riser Equipment

Riser tension	3200 kips
Riser type/ maker	90ft, Shaffer
Riser min ID	18 3/4 "
Kill / Choke lines min ID	4.5"
Kill / Choke lines rating	15000 psi

### Storage Capacities

Diesel	38,315 bbls
Drillwater	17,709 bbls
Potable Water	8,948 bbls
Bulk Product	32460 cu ft
Sack Storage	5000 sx
Base Oil	3140 bbls
Brine	3140 bbls
Liquid Mud	6040 bbls
Mudpits (excl slug/mix)	17

### Well Control Equipment

Diverter	21-1/4", 500 psi
BOP	Shaffer NXT - 18 3/4" – 15,000psi 6 cavities, Vetco H 4 Connector
C&K Manifold	15 Kpsi

### Power Generation

Main Engines	6 Wartsila
Auxillary Engine	MTU 12V 4000 P81
Total Power	6 ea 9400 hp
Main Generators	6 ea 11kv, 8,750KVA
Emergency Power	1 ea 2145 hp

### Station Keeping

DP class	DP3
DP control system	K-Pos DP-22
Thrusters	Rolls Royce 66 st

### Tubulars

Drill pipe	30000ft 5 7/8" XT57,NS-1 1659ft 5 1/2" HWDP,1659ft 3 1/2"
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### Cranes

Pedestal Cranes	4 ea Knuckle Boom
API SWL	90.5 st
BOP Crane	2X 220 st
Riser Gantry Crane	NA

### Additional Information

Managed Pressure Drilling	MPD capable. Equipped with Weatherford's intelligent control system GenIII Microflux. System rated to a working wellbore pressure of 2,000 psi. Equipment included: -RCD: BTR-S RCD with AF Global riser flange adapters -Drill String Isolation Tool -Buffer manifold, Junk catcher and Microflux manifold are installed onboard
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Revision Date: August 2021

These specifications are intended for general reference purpose only and shall not be contractually binding. Contractor reserves the right to change these specifications at any time without prior notice. All equipment shall be operated and maintained in line with Vantage guidelines and within the limits of OEM specifications.

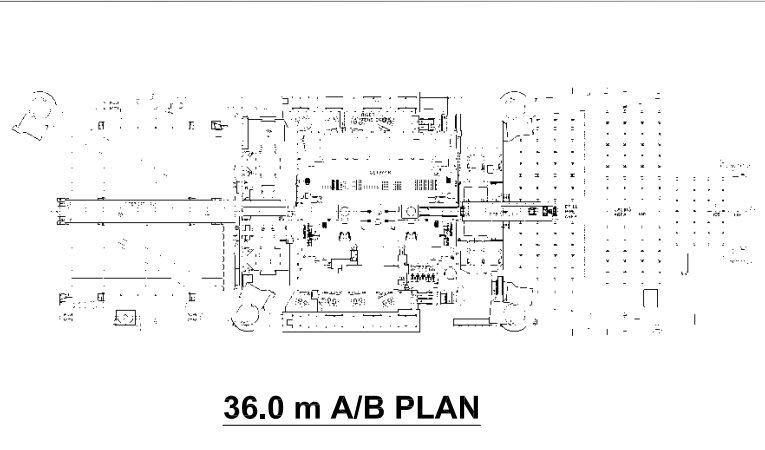
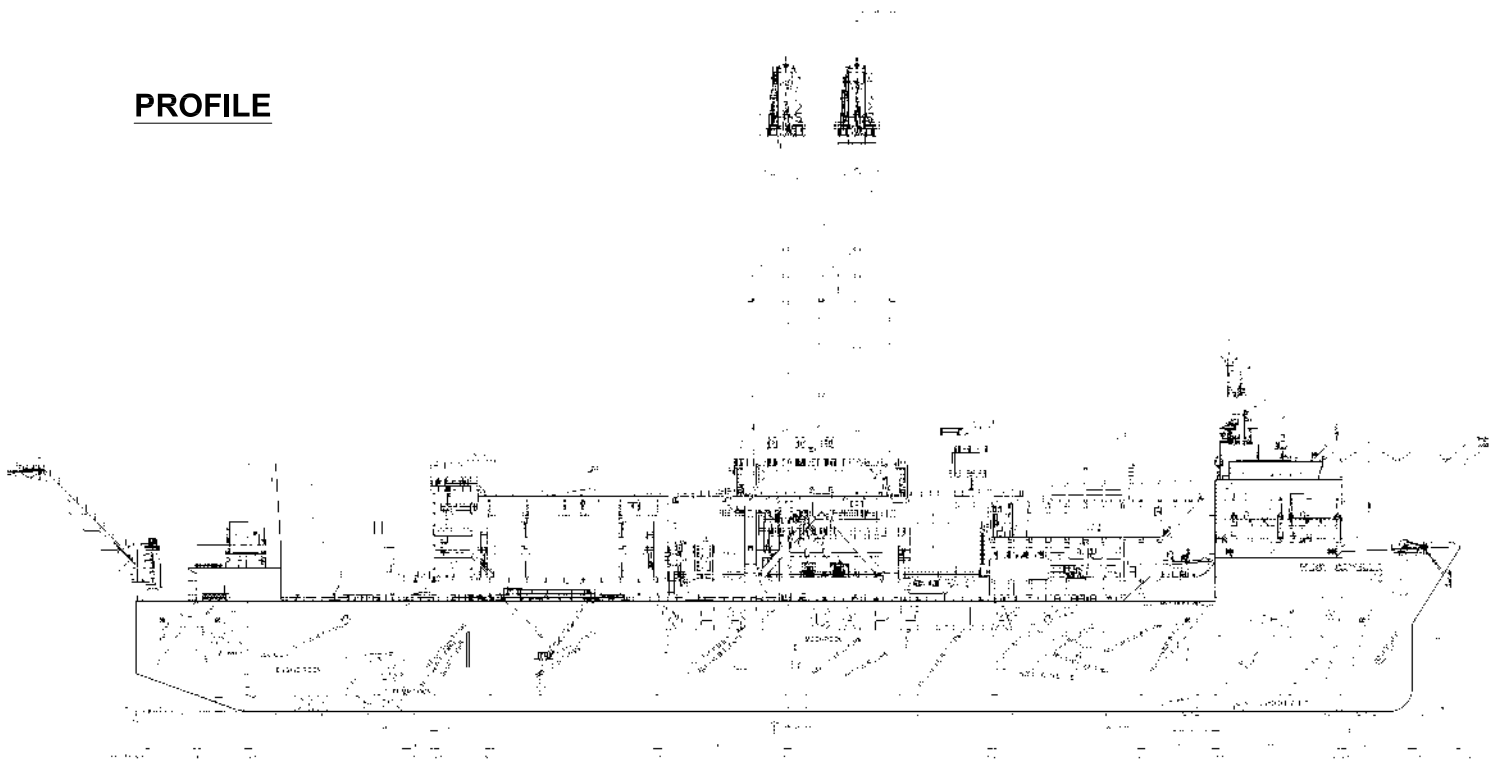


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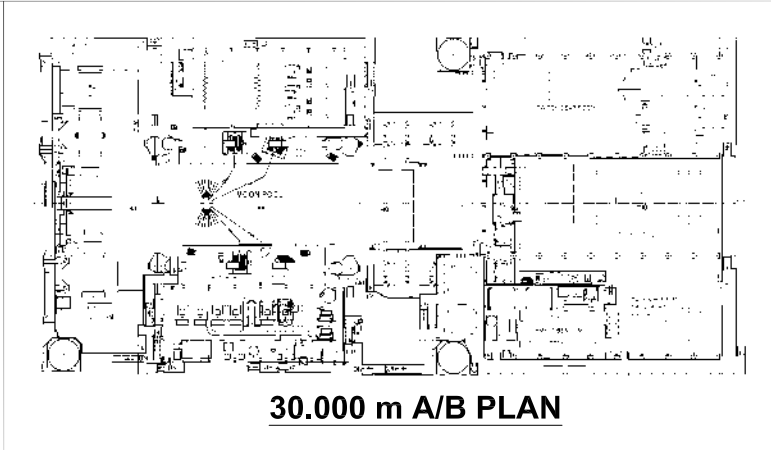


**GENERAL ARRANGEMENT PROFILE**

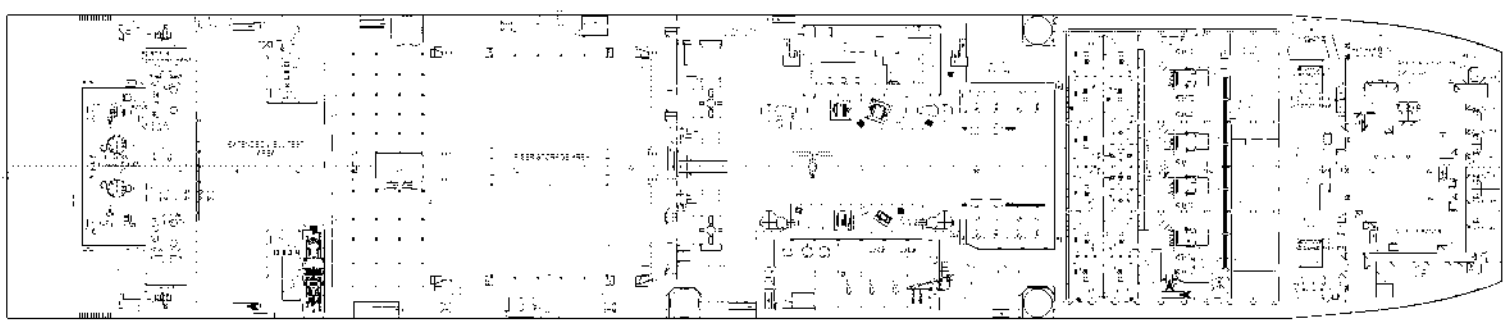
**PROFILE**



**36.0 m A/B PLAN**



**30.000 m A/B PLAN**



**23.0 M A/B PLAN**

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