West Vela

West Vela is a 6th generation drillship under construction at Samsung in Korea, with planned delivery Q2 2013. The design is based on Seadrill's existing Samsung drillships.

Further information: Tel: +47 51 30 90 00 • seadrill.com

GENERAL

Design	SHI S10000
Built/year	SHI / 2013
Flag	Panama
Classification	ABS
Class notations	AMS, ACCU, DPS-3, NBLES, DLA, CDS

MAIN DIMENSIONS/TECHNICAL

Length x breadth	228 x 42 m
Design water depth	3 600 m
Min. water depth	500 m
Drilling depth	11 400 m
Variable load	18 000 mt (drilling)
Propulsion	6 x 4 500 KW thrusters
Transit speed	12 knots
Helideck	Boeing Chinook
Accommodation	200 persons

STORAGE CAPACITIES

Fuel	6200	m3
Drill water	2600	m3
Potable water	1450	m3
Liquid mud	2060	m3
Base oil	500	m3
Brine	500	m3
Barite/Bentonite	450	m3
Cement	530	m3

DRILLING EQUIPMENT

Derrick	1 x 1250 st (main) 1 x 1000 st (aux)
Drawworks	NOV 1250 NOV 1000
Racking capacity	260 std. 6 5/8" DP + 110 std 5 7/8" DP
Top drive	1 x 1250 TDX 1 x 1000 HPS
Rotary table	75 ½" and 60 ½"
Iron roughneck	2 x Hydratong MPT 200
Motion compensation	NOV active/passive
Riser tensioner	8 dual x 225 Kips

WELL CONTROL

BOP	Shaffer - 18 3/4" - 15K 7 Ram
Diverter	Shaffer - 500 psi
C&K manifold	RB PipeTech - 15K

RISER SYSTEM

Type	Shaffer FT-H
Length of joints	90 ft.
Min. ID	19 ¼"
K&C lines	4 ½" ID - 15K

BOP/RISER HANDLING

BOP crane	2 x 220 mt gantry crane
Riser crane	40 mt gantry crane
BOP skid	480 mt
Xmas tree crane	85 mt (deck crane)
Xmas tree skid	700 mt

MUD SYSTEM

Mud pumps	4 x NOV 14-P-220
Pressure rating	7500 PSI
Shale shakers	6 x Brandt VSM 300

POWER

Main engines	6 x STX MAN V16
Total power	42 MW
Emergency power	STX Cummings

STATION KEEPING

DP class	DP 3
DP control system	Kongsberg
Anchor chain	N/A
Anchors	N/A

LIFTING EQUIPMENT

Deck crane	4 x NOV Knuckle boom
Deck crane rating	85 mt
Auxiliary crane	1 x helideck service
Pipe handling crane	Deck crane