West Navigator

West Navigator has been operating in Norway, UK, West of Shetland, Ireland, Greenland, Canada, Faeroes, Egypt and Mauritania in water depths ranging From 280 m to 1920 m. conducting Exploration drilling, Development drilling, Subsea completion and Well testing.

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

GENERAL

Design	MST converted
Built/year	SHI/2000
Flag	Panama
Classification	DNV
Class notations	HELDK-SH, CRANE, E0, OPP-F, F-AM, DRILL(N), DYNPOS-AUTRO

MAIN DIMENSIONS/TECHNICAL

Length	253 m.
Breath	42 m.
Max. water depth	2500 m.
Drilling depth	9000 m.
Variable deck load	9000 MT
Propulsion	4 x 4500 KW azimuth 2 x 2000 KW tunnel 1 x 12000 KW fixed
Transit speed	12 knots
Helideck	Sikorsky S61
Accommodation	117 persons

STORAGE CAPACITIES

Fuel	3400 m3
Drill water	1840 m3
Potable water	1010 m3
Liquid mud	950 m3
Base oil	400 m3 *
Brine	400 m3 *
Barite/Bentonite	525 m3
Cement	315 m3

DRILLING EQUIPMENT

Derrick	1 x 680 MT, 1 x 590 MT
Drawworks	N/A (RamRig)
Racking capacity	316 std 5 7/8”
Top drive	1 x MH 680 MT 1 x MH 590 MT
Rotary table	60 ½”
Iron roughneck	MH Gateless
Motion compensation	MH active/passive
Riser tensioner	16 x 75 MT
Guideline tensioner	N/A

WELL CONTROL

BOP	Hydril - 18 3/4” - 15K
Diverter	Hydrill FS-21-500 psi
C&K manifold	RB PipeTech-15K

RISER SYSTEM

Type	Dril-Quip
Length of joints	75 ft.
Min. ID	19 ¼”
K&C lines	4 ½” ID – 15K

BOP/RISER HANDLING

BOP crane	2 x 75 MT
Riser crane	35 MT
BOP skid	300 MT
Xmas tree crane	2 x 50 MT
Xmas tree skid	100 MT

MUD SYSTEM

Mud pumps	3 x NOV 14-P-220
Pressure rating	7500 PSI
Shale shakers	6 x Thule VSM 300

POWER

Main engines	6 x Wartzila
Main generators	4 x 5.2 MW + 2 x 5.6 MW
Total power	32 MW
Emergency power	2 x Main engines

STATION KEEPING

DP class	DP 3
DP control system	Simrad SDP 32
Anchor chain	N/A
Anchors	N/A

LIFTING EQUIPMENT

Deck crane	3 x MAN
Deck crane rating	1 x 70 MT, 2 x 35 MT
Auxiliary crane	1 x 10 MT
Pipe handling crane	1 x 12 MT, 1 x 3.5 MT

* Combined tanks