West Orion

For further information contact:
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(Metric)

GENERAL	
Delivery	Q2 - 2010
Hull ID	-
Major Upgrades	-
Design	Fried & Goldman ExD millenium
Previous names	-
Flag	-
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	2286 m (3.050 m)
Min WD	-
Usable Deck Space	-
Max Drilling Depth	11.400 m
Max Combined Load	
Quarters	180
Helideck Capacity	EH – 101
Helideck Certification	-

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 (60½")
Top Drive	908 mt, dual AC motor

MUD SYSTEM	
Pressure Rating	517 bar
Pumps	4 x 1.600 kW, (2.200 hp)
Solids Control	8 x Derrick 503 VE shakers

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 (4.4")
Kill / Choke lines rating	1034 bar

CAPACITIES	
Diesel	3.380 m³
Drillwater	2.330 m³
Potable Water	714 m³
Bulk Product	775 m³
Sack Storage	6.200 sacks (22.7 kg)
Base Oil	760 m³
Brine	775 m³
Liquid Mud	2.990 m³
Mudpits (excl slug/mix)	1.080 m³

WELL CONTROL	
Diverter	Vetco 1.54 m (60½")
BOP	Cameron 0.48 m (18 ¾") ,
-	6 rams, 1034 bar
C&K Manifold	Techdrill 1034 bar

POWER	
Main Engines	8 x Cat 3616
Auxillary Engine	-
Total Power	37,7 MW
Main Generators	ABB, SF-6 Breakers
Emergency Power	1 x Cat 3512 B, 13KW

STATION KEEPING	
DP class	DPS-2+
DP control system	Kongsberg
Mooring lines	Harbour mooring only
Mooring winches	-
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: 500mt
Riser gantry crane	15 mt
Xs-mass tree crane	2 x 75 mt, Tot: 150 mt

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(Imperial)

GENERAL	
Delivery	Q2 - 2010
Hull ID	-
Major Upgrades	-
Design	Fried & Goldman ExD millennium
Previous names	-
Flag	-
Classification Agency	ABS
Dimensions	379.6' x 296.6'
Operating Draft	55,8' – 65,6'
Transit draft	27,7'
VDL - Operating	7716 st
VDL - Survival	7716 st
VDL - Transit	5511 st
Transit speed	7 kn
Outfitted Max WD	7500' (10000')
Min WD	-
Usable Deck Space	-
Max Drilling Depth	37.500'
Max Combined Load	
Quarters	180
Heli-deck Capacity	EH – 101
Heli-deck Certification	

DRILLING PACKAGE	
Derrick	1250 st (2,5 mill 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" or 9 5/8" or 7"	7.500ft or 9.680 ft or 14.000 ft
Draw works	Wirth GH 4500
Rotary Table	Wirth 60 ½"
Top Drive Type/Make	1.000 st, dual AC motor / AkMH

MUD SYSTEM	
Pressure Rating	7.500 psi
Pumps	4 x 2.200 HP Wirth pumps
Solids 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 ¼"
Kill / Choke lines min ID	4.5"
Kill / Choke lines rating	15.000 psi

GENERAL

CAPACITIES	
Diesel	21.270 bbls
Drill water	14.702 bbls
Potable Water	4.488 bbls
Bulk Product	27.360 cu ft
Sack Storage	6.200 sacks (50 lb)
Base Oil	4.774 bbls
Brine	4.875 bbls
Liquid Mud	18.800 bbls
Mud pits (excl slug/mix)	6.808 bbls

WELL CONTROL	
Diverter	Vetco 60,5"
BOP	Cameron 18 ¾" , 15 kpsi
Rams	6 rams, 15 kpsi
C&K Manifold	Techdrill 15 kpsi

POWER	
Main Engines	8 x Cat 3616
Auxiliary Engine	-
Total Power	50.560 hp
Main Generators	ABB, SF-6 Breakers
Emergency Power	1 x Cat 3512 B, 13KW

STATION KEEPING	
DP class	DPS-2+
DP control system	Kongsberg
Mooring lines	Harbor mooring only
Mooring winches	
Thrusters - Azimuth	8 x ABB /AMB 630L8L VATFMH
Thruster hp	4500 hp per thruster

TUBULAR	
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 t
X-mass Tree Cranes	2 x 75 mt, Tot: 150 mt

CAPACITIES