



PETROLOG

PETROLOG GROUP

Diving Subsea Division



DSV VINNICE

General Dimension

Length:	85.00m
Length Waterline:	81.12m
Length BP:	77.75m
Breadth Moulded:	22.00m
Depth Moulded:	8.00m
Draft Moulded:	6.30m
Deadweight:	3200t
Trial Speed:	12.5knots
Moon Pool:	8m x 8m
Heli-Deck:	22m dia.

Engines

Main Engine:	2 x 3000bhp @ 800rpm Niigata 6L28AH
Propulsion System:	2 x Azimuthing stern thrusters
Bow Thrusters:	2 x 800kW transverse type Kawasaki of approx. 12 thrust each
Main Generator:	3 x 800kW diesel driven Caterpillar
Shaft Generator:	2 x 1500kW diesel shaft Alternator
Emergency Gen:	1 x 192kW Cummins



Saturation & Air Diving System

Depth Rating:	300msw
Class Authority:	ABS
Capacity:	9 man expandable to 12
Bell Launch:	A-frame through moon pool
Hyperbaric Rescue:	HRC
Date of Manufacture:	2014
Air Diving System:	50msw/LARS
Manufacturer:	Unique Hydra(Pty)Ltd
Main Gen:	800/kw
Emergency Gen:	400/kw

Cargo Capacity

Deck Cargo:	800t
Deck Capacity:	660m ²
Deck Loading:	7.5t/m ²
Fuel Oil:	1250m ³ *
Fresh Water:	740m ³ *
Drill Water:	1750m ³ *
Water Ballast:	280m ³ *
Mud:	410m ³ *
Heeling:	440m ³ *
Dry Bulk Cement:	226m ³ *

* Approximate value

Accommodation

5 x 1 Man Cabin:	5 Persons
23 x 2 Men Cabins:	46 Persons
31 x 4 Men Cabins:	124 Persons
Total:	175 Persons
Hospital:	2 Beds

VESSEL SPECS



Life Saving

Life Raft:	8 x 25 people
Life Buoy-ring:	12 sets
Life Jackets:	228 sets
Fireman Outfits:	6 sets
Immersion Suits:	186 units
Lifeboat c/w Davit:	2 x self-propelled

Communication System

X-band Radar Range 96NM:	1 set
S-band Radar Range 96NM:	1 set
Eco Sounder:	1 set
GPS Plotter:	1 set
Gyro Plotter:	3 sets
Magnetic Compass:	1 set
Autopilot & Steering Gear:	1 set
Weather Facsimile Receiver:	1 set
Doppler Speed Log:	1 set
AIS:	1 set
MF/HF Transceiver (GMDSS):	1 set
Satellite EPIRB (GMDSS):	1 set

Deck Equipment

Windlass:	1 x electro hydraulic type, 16t @ 12m/min for 58mm dia. chain
Capstan:	2 x electro hydraulic type, 10t @ 15m/min
Anchor:	2 x high-hold type, stowed in anchor-pockets, each 3240kg
Tugger Winch:	2 x electro = hydraulic type, 10t @ 15m/min
Crash/Cargo Rail:	2.5m high 300mm pipe and columns along main deck P&S
Main Crane:	1 x electro-hydraulic crane, 100t with AHC function, = 36m to 2000m lifting range
Deck Crane:	1 x marine pedestal crane, 3t S.W.L @ 14.0m
Gangway:	1 x aluminum gangway about 8.0m length
ROV:	Optional
Mooring System:	4 point mooring w/1200m of 40mm wire w/flipper delta HHP 5T anchors





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ROV SPECS

Work Class

FCV 1000D TMS

Length:	2.5m
Height:	1.8m (excl TMS)
Width:	1.6 (excl TMS)
Weight:	2.650kg (incl 120kg payload)
Depth:	100msw
Power:	125hp
Speed:	Fore/aft 3.0 knots
Channels:	3 HDTV Channels
Cameras:	Up to 8 x separate
Lighting:	10 x dimmable LES
Tooling:	Mechanical Interface Through Frame Lift Aft Lift Toolong IHPU Bi-Directional Solenoid

Inspection Class

Seaeye Lynx TMS

Length:	1.23m
Height:	0.605m
Width:	0.815m
Weight:	200kg
Depth Rating:	1500m
Payload:	6 x Seaeye SM4 Brushes DC motors configured as 4 x Vectored horizon and 2 x vertical
Speed:	Fore/aft 3.0knots
Standard Equipment:	3 simultaneous Video Channels Tilt Unit Lighting Compass Sonar

