



PURIYA – MAINTENANCE VESSEL



KEY FEATURES

- Comfortable accommodation
- Dry & comfortable ride for passengers
- Economical
- Twin Skeg

VESSEL APPLICATIONS

- Crew - pilot transfers
- Construction & maintenance support
- Navigation aid and maintenance
- Search & rescue
- Security patrol
- Survey - dive support

MAIN PARTICULARS :

Builder:	SBF Ship Builders
Design:	Semi planning reverse chine mono hull
Construction:	Aluminium
L.O.A:	18.50m
Waterline length:	16.10m
Beam:	4.80m
Draft:	1.30m
Displacement:	Refer to stability booklet
Transport:	Under own power

PRINCIPAL PARTICULARS :

Flag:	Australian, Dept of Transport W.A.
Year of build:	2009
Place of build:	Fremantle W.A.
Class notation:	N.S.C.V Code, 2B & 2C
2B Survey:	200nm-safe anchorage
2B Survey:	2 Special personnel + 4 Crew-berthed
2C Survey:	30nm-safe anchorage
2C Survey:	12 Pax + 2 Crew-unberthed
M & H No:	6478
S.P.V. No:	
Call sign:	VNW 6267

PROPULSION & MACHINERY

No. of mains:	2
Engines HP:	2 x 575HP
Fuel Type:	Diesel
Make:	Scania
Propulsion:	2 x fixed pitch propellers
Engine monitoring:	Digital
Steering:	Electric over Hydraulic

AUXILIARY ENGINE :

Diesel generator:	2 x 25KVA
Single phase:	Yes
Three phase:	Yes
Voltage:	415-240
Emergency system:	24DC Volt

PERFORMANCE :

Economical speed:	10 knots
Cruise speed:	15 knots
Max speed:	17 knots
Fuel economical:	60 litres p/hr
Fuel cruising:	120 litres p/hr
Fuel max:	170 litres p/hr
Range economy:	584 NM-30% reserve
Range cruising:	496 NM-30% reserve
Range max:	412 NM-30% reserve

LIGHTING :

Floods:	2 x Fwd, 2 x Aft and 2 x port & starboard
Search:	2 x Pistol grip x 360 degrees

Environmental:

PUBLICATIONS :

To meet class survey & industry requirements	Yes
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SAFETY GEAR & FIRE EQUIPMENT :

To meet class survey & industry requirements	Yes
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ACCOMMODATION :

Quad berths:	1
Total bunks:	4

COMMON USER FACILITIES :

Galley:	Yes
Mess room:	Dinette
Showers	1
Toilets:	1

CREW TRANSFER POINTS / HEIGHTS FROM WATER LINE :

Push up bow: 1900mm

Open transom: 1100mm

Alongside: 2000mm

Alongside staircase:

DECK AREA :

Deck area: 33.60 M2 Accessible (100%)

Deck dimensions: 8.00 x 4.20 metres clear-internal

DECK & CARGO CAPABILITIES :

Deck strength: 6.0T refer to stability booklet

CARGO FASTENINGS / CERTIFIED SWL POINTS :

10ft-Container footprints 1

Miscellaneous 4 x 800kg

TANKS :

Fuel oil: 2 x 2500 litres (5000 Total)

Hydraulic oil: 1 x 260 litre

Sludge:

Fresh water: 1 x 1000 litres

Diesel:

FW monitoring: Manual

BILGE SYSTEMS :

Bilge monitoring: Digital

Automatic pumps:

Hand pumps: Yes

Electric pumps:

Mechanical pumps: Yes x2

Portable salvage pump:

FENDERING :

Aircraft tyres-stern: Yes

COMMUNICATIONS :

CCTV:

Computer: Yes, email

Mobile phone: Yes

Satellite phone:

Loud hailer: Fore and aft-Rx and Tx

MF/HF Radio: Yes

UHF radio:

VHF radio: Yes x 1 and 1 x portable

NAVIGATION :

A.I.S:	Yes, class (B) RX & TX
Auto Pilot:	Yes
Clear view:	Yes, 3 x wipers
Echo Sounder:	Yes, single frequency
GPS:	Yes
Helm stations:	1 x wheelhouse and 1 x aft portable control box
Nav lights:	Standard Inc. red-white - red combination
Nav light monitoring:	Manual
Plotter:	Yes
Radar -MARPA:	Yes

DECK EQUIPMENT :

Tugger winch:	1 x 4000kg
Wire diameter:	19mm
Length wire:	20 metres
Stern roller:	Yes
Towing pins:	Yes

DECK CRANE :

Boom:	3.20m radius @ 3200kg
Boom:	7.50m radius @ 500kg

BOLLARD PULL :

Centre crucifix:	4.64T
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MOON POOL :

Longitudinal:	750mm
Beam:	685mm
Located:	Midships

DIVING ACCESSORIES :

Dive ladder:	Yes
For aft Mooring:	Retrievable stern clump weight

