

Puriya



Features

Comfortable accommodation

Dry & comfortable ride for passengers

Economical

Twin skeg

Applications

Crew – pilot transfers

Construction & maintenance support

Navigation aid and maintenance

Search & rescue

Security patrol

Survey – dive support

Head office

L2, Suite 7, 34 Charles Street
South Perth WA 6151

+61 8 6277 0240
info@odysseygroup.au

Puriya



Specifications

Main particulars

Builder	SBF Ship Builders
Design	Semi planning reverse chine-mono-hull
Construction	Aluminum
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 WA
Year of build	2009
Place of build	Fremantle, WA
Class notation	NSCV 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
Call sign	VNW 6267

Propulsion and 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	10kn
Cruise speed	15kn
Max speed	17kn
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 and 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

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
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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 x 2
Portable salvage pump	

Fendering

Air craft tyres-stern	Yes
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Communications

CCTV	
Computer	Yes
Mobile phone	Yes
Satellite phone	
Loud hailer	Fore and aft-RX and TX
MF/HF radio	Yes
UHF radio	
VHF radio	

Navigation

A.I.S	Yes, class (B) TX
Autopilot	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

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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

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