



YIKARA – LINES BOAT



KEY FEATURES

- Corrosion free hulls
- Easy to maneuverer
- Economical
- Fastest line boat in Australia
- Shallow draft

VESSEL APPLICATIONS

- Construction & maintenance support
- Navigation aid maintenance
- Small cargo support inner-harbour
- Easily secured to the deck of a ship-barge
- Purpose built transport-hard stand cradle

MAIN PARTICULARS :

Builder:	Polyline Marine
Design:	Planning reverse chine-
Construction:	monohull
L.O.A:	10.20m
Waterline length:	9.10
Beam:	3.50m
Draft:	0.41m
Displacement:	4.2T, refer to stability booklet
Transport:	Under own power - refer to transport options listed above

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, 2C
2C Survey:	30NM-safe anchorage, not more than 20NM offshore
Survey:	8 Pax + 2 Crew-unberthed
M & H No:	6472
S.P.V:	
Call sign:	Yikara

PROPULSION & MACHINERY

No. of mains:	1
Engines HP:	1 x 440HP
Fuel Type:	Diesel
Make:	YANMAR
Propulsion:	Water jet
Engine monitoring:	Analogue
Steering:	Hydraulic

PERFORMANCE :

Economical speed:	10 knots
Cruise speed:	18 knots
Max speed:	25 knots
Fuel survey:	5 litres p/hr
Fuel economical:	25 litres p/hr
Fuel cruising:	65 litres p/hr
Fuel max:	80 litres p/hr
Range economy:	140 NM-30% reserve
Range cruising:	97 NM-30% reserve
Range max:	110 NM-30% reserve

LIGHTING :

Floods: 1 x fwd and 1 x aft

Search: 1 x portable

Environmental:

PUBLICATIONS :

To meet class survey & industry requirements Yes

SAFETY GEAR & FIRE EQUIPMENT :

To meet class survey & industry requirements Yes

CREW TRANSFER POINTS :

Push up bow: 1300mm

Open transom: 800mm

Alongside: 1300mm

DECK AREA :

Deck area: 10.20M2 accessible (70%)

Deck dimensions: 3.80 x 2.70 metres clear- internal

DECK & CARGO CAPABILITIES :

Deck strength: Refer to stability notation

Deck cargo: Misc. cargo and pallet cages

TANKS :

Fuel oil: 1 x 500 litre tank

Fresh water: 1 x 50 litres

BILGE SYSTEMS :

Bilge monitoring: Digital

Automatic pumps: Yes

Hand pumps: Yes

Electric pumps:

Mechanical pumps: Yes

Portable salvage pump:

FENDERING :

Air craft tyres-bow: Yes

Air craft tyres-shears: Yes

Air craft tyres-stern 1/4: Yes

Fixed D-Section polypropylene: Top sides, stern 1/4, bow & transom.

COMMUNICATIONS :

CCTV:

Computer:

Mobile phone: Via office

VHF radio: Yes

NAVIGATION :

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

Echo Sounder: Digital depth gauge

GPS:

Helm stations: 1 x center console

Nav lights: Standard

