

# 'Port Kembla'

## Yamba Welding delivers Naiad RHIBs across Australia



New South Wales-based boat builder Yamba Welding has developed a mutually beneficial relationship with New Zealand designer Naiad, having constructed and delivered an increasing number of the company's RHIB designs for deliveries nationwide.

The fast, seaworthy designs have proved popular with state government marine rescue and patrol agencies. Recently, two such orders were to the Roads and Maritime Services department of the New South Wales state government, and the Victorian police, respectively.

Both orders were for a vessel based on Naiad's 10.3 metre outboard-powered RHIB design, with the New South Wales version named the 'Port Kembla', and the Victorian version the 'William Sharrock'.

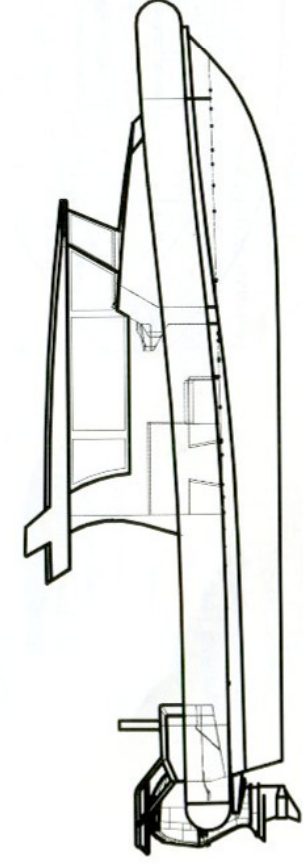
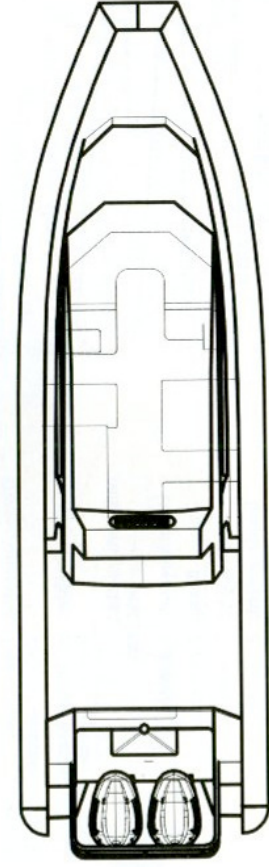
The 'Port Kembla' was delivered for service out of its namesake port, south of Wollongong, at the beginning of August. The craft is an aluminium-hulled vessel with a waterline length of 8.2 metres, a beam of 3.07 metres and a draught of 0.54 metres. Her loaded displacement is 4.82 tonnes.

Designed for multipurpose port operations, the vessel differs from its Victorian counterpart in being powered by dual 225kW Suzuki outboards. These smaller units result in a slightly reduced top speed of 45 knots compared to the 'William Sharrock's 50 knots. However, thanks to the identical 1,000 litre fuel capacities, the 'Port Kembla' features an increased range and endurance at the vessel's 25 knot cruising speed.

The vessel's planing hull is topped by a forward deckhouse that provides sheltered accommodation for a crew of three personnel in KAB seats in addition to up to five passengers.

A forward control console is outfitted with a Raymarine electronics package that includes radar, sounder, sonar and GPS units as standard, along with a night vision thermal imaging system. Forward bunks are provided along with a basic galley facility.

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### 'Port Kembla' SPECIFICATIONS

Type of vessel:	Police patrol boat
In survey to:	2C Survey
Port of registry:	Port Kembla, New South Wales
Owner:	NSW Transport – Roads and Maritime Services, New South Wales
Designer:	Naiad Design, New Zealand
Builder:	Yamba Welding & Engineering, New South Wales
Construction material:	Aluminium
Length overall:	10.3 metres
Length waterline:	8.2 metres
Beam:	3.07 metres
Draught:	0.50 metres
Displacement:	4.67 tonnes
Main engines:	2 x Suzuki outboards; each 225kW
Steering system:	Manual hydraulic with power assistance
Maximum speed:	45 knots
Cruising speed:	25 knots
Electronics supplied by:	Electronic Marine Solutions
Radar:	Raymarine
Depth sounder:	Raymarine
Radio:	GME
Sonar:	Raymarine
Autopilot:	Raymarine
Compass:	Navigator
GPS:	Raymarine
Plotters:	Raymarine
AIS:	Raymarine
Audio video system:	Fusion
Paints/coatings:	Magnam FMI, Orca Marine Wrap
Windows:	Australian Marine Windows
Seating:	KAB Seats
Floor/deck surface finishes:	Sea Dek®
Interior fitout/furnishings:	PL Motor Marine & Trimming
Fuel capacity:	1,000 litres
Freshwater capacity:	60 litres
Crew:	1-3
Passengers:	5