

'RESCUE ONE'



KIRBY KICKS IT UP A NOTCH

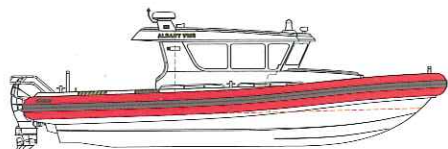
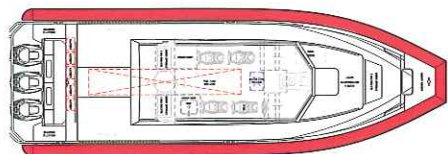
The newest vessel to join the fleet of the Albany Volunteer Marine Rescue is its third Naiad and replaces two ageing vessels, an 11-metre Steber and the matriarch of the fleet, an 8.5-metre Cuddy Cab Naiad.

The new dedicated rescue craft was developed in consultation with the Volunteer Marine Rescue group and the design team at Naiad and Kirby Marine.

The stunningly beautiful coastline adjacent to Albany unfortunately sees more than its share of tragedies annually from rock fishermen or those that venture too close to what often seems like a predictable or placid sea state. Once off the rocks it's near impossible to get out of the water without life threatening injury, as such the volunteers from Marine Rescue have a small window of time to deploy and transit King George Sound to open ocean to undertake a rescue.

Consequently, decisions influencing the final design were based around the need for fast response, and the ability to get out and operate very close to high coastal headland often in extreme conditions in open seas.

With a beam of four metres, an island type cabin was an obvious choice.



This meant that the crew could move swiftly about the vessel in all conditions at deck level, essential in any rescue operation. A fully enclosed cabin with forward raked windows keeps the crew protected from the elements when required. Four Ullman Patrol shock-mitigating seats were also an essential addition to the well laid out cabin. Storage in the forward section of the cabin was designed to accommodate the numerous



rescue items required.

The vessel is fitted with triple 224kW Suzuki outboards and carries 1,000 litres of fuel. She achieves an impressive 48 knots at full speed. Fuel consumption at a cruising speed of 25 knots is a remarkable combined total of 88 litres an hour.

An extensive array of Simrad electronics package uses the most up to date navigation technology.

The usual searchlight set up was replaced with an impressive display of fixed Hella LED lighting which performed well on the first night of trials.

Delivery of the new Naiad was by sea, 632km travelled in 14 hours over two days, in less than ideal conditions, from Fremantle to Emu Point in Albany. The voyage gave the craft and occupants their first challenge, however she came through with flying colours.

'Rescue One'

SPECIFICATIONS

| | |
|--------------------------|----------------------------------------|
| Type of vessel: | Naiad |
| In survey to: | NSCV 2C |
| Home port: | Albany, Western Australia |
| Owner: | Albany Volunteer Marine Rescue |
| Designer: | Naiad Design, New Zealand |
| CAD software: | Maxsurf |
| Builder: | Kirby Marine, Western Australia |
| Construction material: | Aluminium |
| Length overall: | 11.3 metres |
| Length waterline: | 9.2 metres |
| Length measured: | 10.84 metres |
| Beam: | 4.0 metres |
| Draught: | 1.0 metre |
| Displacement: | 6.0 tonnes (full load) |
| Main engines: | 3 x 300hp Suzuki outboards, each 224kW |
| Steering: | Seastar closed loop power assist |
| Maximum speed: | 48 knots |
| Cruising speed: | 25-30 knots |
| Range: | 250nm |
| Electronics supplied by: | Simrad |
| Radar: | Simrad |
| Depth sounder: | Simrad |
| Radio: | ICOM |
| Compass: | Plastimo |
| Anchor: | Delta |
| Paints/coatings: | Awlgrip |
| Windows: | Beta Marine windows |
| Seating: | Ullman Patrol Jockey |
| Lighting: | Hella Marine |
| Fuel capacity: | 1,000 litres |
| Freshwater capacity: | 70 litres |
| Crew: | 6 |

