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 Offshore servicing & providing services  
 Environmental sensitive reef area & near shore surveys  
 Amphibious marine crafts – multirole, all terrain, launch & land  
 Our skipper & crew are all highly skilled, duly qualified & are constantly kept up to date with OH&S  
 Hydrographic surveys  
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 Sweeping and Harbour Works  
 Salvage  
 Navy Support



## RELIANCE

### LLOYDS REGISTERED CERTIFIED 100A1 TUG IN AMSA 2B SURVEY

|                           |  |                               |  |
|---------------------------|--|-------------------------------|--|
| <b>NAME</b>               | <b>RELIANCE</b>                              | <b>MACHINERY</b>              |  |
| <b>Builder</b>            | Carrington Slipways                          | <b>Main Engine</b>            | 2 x 565hp Blackstone ES6<br>Turbo charged                                      |
| <b>Year Built</b>         | 1979   | <b>Auxillary</b>              | 2 x 50 kVA Caterpillar   |
| <b>Length</b>             | 22.90 m                                      | <b>Steering</b>               | 2 x Independent Kortz nozzles  |
| <b>Beam</b>               | 7.35 m                                       | <b>Speed - Full Operation</b> | 12 knots   |
| <b>Depth</b>              | 3.4m or 2.6m lightship                       | <b>Speed - Economical</b>     | 9 Knots at 110 LPH   |
| <b>Gross Tonnage</b>      | 250 t  | <b>Bollard Pull</b>           | 20 t   |
| <b>Net Tonnage</b>        | 141 t  | <b>Displacement</b>           | 250t   |
| <b>Clear Deck Area</b>    | 37 m <sup>2</sup>                            | <b>Deck Winch</b>             | 20t Line Pull  |
| <b>IMO</b>                | 7815739                                      | <b>Wire</b>                   | 500m x 32mm IWRC w/spelter<br>And wedge sockets<br>150m x 32mm Reducnadnt wire |
| <b>Call Sign</b>          | VJWH   | <b>SAFETY AND GEAR</b>        |  |
| <b>Construction</b>       | Steel  | <b>Anchor</b>                 | 2 x Hall   |
| <b>ACCOMMODATION</b>      | <b>Fully Air Conditioned</b>                 | <b>Chain</b>                  | 2 x 165 m  |
| <b>Cabins</b>             | 1 x Master<br>1 x Engineer<br>3 x Twin Berth | <b>Liferaft</b>               | 10 Man   |
| <b>Shower /Toilet</b>     | Yes  | <b>First Aid</b>              | USL E Scale  |
| <b>Laundry</b>            | Washer / Dryer                               | <b>PFD</b>                    | 10 Life Jackets  |
| <b>Galley</b>             | Well Equipped                                | <b>Life Rings</b>             | 4  |
| <b>Fridge</b>             | 1 x 220 ltr & 1 x 75 ltr                     | <b>Fire Pumps</b>             | To AMSA Survey   |
| <b>Freezer</b>            | 2 x 220 ltr                                  | <b>Fuel Shut Off</b>          | 4 Emergency shutoffs   |
| <b>ELECTRONICS</b>        |  | <b>Spill Kit</b>              | To AMSA Survey   |
| <b>GPS</b>                | Furuno                                       | <b>CAPACITY</b>               |  |
| <b>Echo Sounder</b>       | Furuno                                       | <b>Fuel</b>                   | 45m <sup>3</sup>   |
| <b>Plotter</b>            | Max Sea                                      | <b>Water</b>                  | 18m  |
| <b>Radar</b>              | Furuno                                       | <b>Transfer</b>               | 100 l / min  |
| <b>Radio</b>              | GMDSS & 3 x VHF                              | <b>OTHER</b>                  |  |
| <b>Satellite</b>          | Immarsat C Thrane & Thrane                   | <b>Deck Cargo</b>             | 20t  |
| <b>PLOUGH</b>             |  | <b>Anchor Handling</b>        | Stern Roller   |
| <b>Length</b>             | 10 m   | <b>Towing</b>                 | V-Thane Chaffer  |
| <b>Width</b>              | 1.5 m  | <b>Crane</b>                  | Modular Grove 985  |
| <b>Max Dredging Depth</b> | 20 m   |                               | 8t @ 1.0 m with 12mm wire  |
| <b>Cutting Edge</b>       | Bisalloy                                     |                               | Rope winch kit. 360 degree slew  |
| <b>Levelling Edge</b>     | Bisalloy                                     |                               | New  |
| <b>Jet Nozzles</b>        | Available                                    | <b>A Frame and Net</b>        |  |