

## “LADY ADA”

### 1. Vessel Particulars:

<b>Length</b>	: 10.45 m
<b>Beam</b>	: 3.00 m
<b>Draft</b>	: 1.30 m
<b>Registration</b>	: Qld recreational WJ614Q, expires 13/11/20
<b>H.I.N</b>	: AUADD000190QT9
<b>Design</b>	: Murray Drake, Tasmanian commercial cray boat hull, Custom superstructure, cruiser layout.
<b>Builder</b>	: Zac Howells
<b>Place</b>	: Cairns, Australia
<b>Launching</b>	: 29/11/2013

### 2. Construction:

<b>Hull Material</b>	: Carvel hardwood timber planking, copper nailed and Roved. Splined seams.
<b>Bulkheads</b>	: 3x watertight, 1x structural plywood, vertically stiffened
<b>Deck</b>	: Plywood, epoxy & Dynel sheathed with teak laid over.
<b>Superstructure</b>	: Plywood with timber frame, epoxy & Dynel sheathed
<b>Frames</b>	: Laminated hardwood, 80mm x 50mm, approximately 450mm centres
<b>Stringers</b>	: Hardwood 150mm x 50mm
<b>Windows</b>	: Direct bonded 6mm laminated glass
<b>Bulwarks</b>	: Around main deck, 420mm high
<b>Handrails</b>	: Stainless steel tube hand railings, 780mm high
<b>Awnings</b>	: Aft deck plywood hard top awning, Epoxy/Dynel

### 3. Tanks:

<b>Fuel</b>	: 2x aluminium
<b>Capacity</b>	: Total 800 litres
<b>Water</b>	: 2x solid fibreglass
<b>Capacity</b>	: Total 600 litres
<b>Sewerage</b>	: Holding cassette in self contained toilet.
<b>Capacity</b>	: 20 litres

#### 4. Machinery:

<b>Main Engine</b>	: 1x Perkins M90 4.236, 60 kW @2600 RPM (80 hp)
<b>Hours</b>	: 80, fully rebuilt engine in 2013
<b>Alarms</b>	: Audible and warning lamps
<b>Controls</b>	: Morse cable
<b>Cooling System</b>	: Heat exchanger
<b>Exhaust System</b>	: Wet with waterlift muffler, through hull side
<b>Gearbox</b>	: 1x Paragon PL32, 2:1 reduction Serial number
<b>Propeller</b>	: 1x Rogers & Lough
<b>Propeller shaft</b>	: 1x 2205 stainless steel, 2" diameter
<b>Auxiliary</b>	: Yanmar L100N5 diesel, air cooled; Dunlite 6.0 kW
<b>Hours</b>	: 1 since installed new in 2020
<b>Cooling System</b>	: Air-cooled
<b>Exhaust System</b>	: Dry
<b>Air Conditioning</b>	: 1x water cooled ducted custom marine system, 7 kW
<b>Hot Water</b>	: 1x Force 10, 240v/ heat exchange, 25 litre system

#### 5. Electrical Supply:

<b>Circuit Voltage</b>	: 12 volt and 240 volts
<b>Alternator</b>	: 1x 85 amp, belt drive on main engine 1x 12v, integral with auxiliary
<b>Batteries, Start</b>	: 2x 12 volt, AGM, 180 AH each, main engine start 1x 12 volt AGM, 900 CCA, auxiliary start bank
<b>House</b>	: 2x 12 volt AGM, in 12v bank, 180 amp hour each.
<b>Invertors</b>	: 1x Powertech1500 watt
<b>Battery Charger</b>	: 1x Dolphin smart charger, 40 amps
<b>Shore power</b>	: 15 amp, IP66 socket

#### 6. Pumping Arrangements:

<b>Bilge</b>	: 2x 12v Johnson 4000 LPH, on float switches 2x 12v Rule 1800 LPH on float switches 1x 240v submersible, roving pump 1x 12v Rule 2800 LPH in bathroom bilge 1x portable petrol roving emergency pump.
<b>Alarms</b>	: forward compartment and engine room high level
<b>Fresh Water</b>	: 1x 12v pressure pump with accumulator
<b>Other</b>	: 1x 240v air conditioner salt water condenser pump 1x 12v Johnson deck wash pressure pump

## 7. Steering Equipment:

**Primary** : Wheel, Hydrive Admiral series hydraulic system  
**Rudders** : 1x balanced with pintle bearing.

## 8. Ground Tackle:

**Anchor Winch** : 1x 12v Muir Storm VRC1250  
 Vertical capstan and winch  
**Primary** : 1x 15 kg Manson supreme super high holding power,  
 100 metres of 8mm tested grade L chain.  
**Secondary** : 1x 35 kg plough anchor with chain and rope rode.

## 9. Rigging and Sails:

**Masts** : 1x Aluminium, 1 spreader, 140mmx 95mm section  
**Stays** : 8mm Stainless steel wire rope with SS fittings  
**Sails** : Nil

## 10. Accommodation:

**Arrangement** : 1x 3/4 berth in forward cabin. Bathroom to port forward,  
 Behind forward cabin with settee to starboard. 2x athwartships  
 Single bunks. Up to wheelhouse with galley to starboard aft  
 And dinette to port.  
**Furnishings** : Laminex headlining with varnished timber fit out.  
 Custom inner spring mattresses and fabric covered foam  
 Seat cushions. Carpeted decks.  
**Toilet** : 1x Thetford C402C cassette toilet.  
**Galley** : To starboard aft of wheelhouse.  
**Domestic Appl.** : 1x SMEV 2 burner LPG cooktop  
 1x Panasonic microwave oven  
 1x Nova Kool 240v/ 12v refrigerator/ freezer  
 1x 12v Grundig LCD television/ DVD player  
**Sound System** : 1x Clarion, CD/ radio

## 11. Fire Equipment:

**Extinguishers** : 2x 2.5 kg chemical dry powder  
**Other** : 1x Galley fire blanket  
**LPG Compliance** : 873510, issued 23/10/2013

## 12. Lifesaving Equipment:

<b>Lifejackets</b>	: 6x RFD Coastal, adult 4x PFD1, adult
<b>Hand Flares</b>	: 2x red, expiry 09/2023 2x orange smoke, expiry 09/2023
<b>Lifebuoy</b>	: 1x Solas circular with light
<b>EPIRB(s)</b>	: 1x GME MT600G, battery expiry 08/2030
<b>Other</b>	: 1x V Sheet, 1x signal mirror, first aid kit

## 13. Equipment:

<b>Nav Lights</b>	: LED Anchor, steaming, port, Stbd and stern lights
<b>Charts</b>	: local area paper charts
<b>Publications</b>	: Engine and equipment manuals
<b>Compass</b>	: 1x Plastimo offshore 135, magnetic.
<b>Radios</b>	: 1x GME GX600, VHF
<b>Autopilot</b>	: 1x TMQ AP55
<b>Sounder</b>	: 1x Furuno FCV-588
<b>Plotter/GPS</b>	: 1x Furuno GP32 GPS with laptop NMEA interface. Dash mount & charger fitted for iPad
<b>Instrumentation</b>	: Main engine Tachometer, temperature, oil pressure, Gearbox oil pressure, voltmeters and fuel tank gauges
<b>Other</b>	: 1x Exalto 223BDS wiper/ washer unit