

Kangaroo Explorer Information Sheet



M.V. Kangaroo Explorer

Unique Identifier: 4746QC

Expiry Date: 29/08/2021

Registration Authority: AMSA/DCV-QLD C.O.O. (Operating under QLD C.O.O. only)

Survey Status: 1C (Restricted Operations)

AMSA Official No: 853279

Licensed Max Persons: 74

Displacement: 130 Tonnes (Gross)

Length: 24.95 Mtrs (Does not include dive platform)

Beam: 9.42 Mtrs

Draft: 3.56 Mtrs

Designer: Hull by ASD Marine, Superstructure by Ron Clubb-Naval Architect

Builder's Name: South Pacific Marine Constructions

Place: Caboolture, QLD

Year Manufactured: 1989/1990

Date Launched/Commissioned: 4/7/1990

Last Surveyed: 29/08/2015

1. Vessel Construction

Type/Style: Steel/Aluminium Passenger Catamaran
Hull Material: 6 - 8mm Steel-Plate
Hull Configuration: Twin Keel, Single Chine, 3 Water
Tight Bulkheads each hull with Aluminium Superstructure
Decks: 4 - Lower, main, upper and sundeck/library

2. Machinery

Main Engines: 2 x Hino EP100T - 6 cylinder turbocharged marine diesels each rated at 300 BHP
Indicated Hours: (Advised engines rebuilt 2012)
Port: 39,120 Ind. Hrs
Starboard: 39,027 Ind. Hrs
Gearboxes: 2 x ZF - Model No: ZFW325 with 3.95:1 Reduction Ratio
Serial No. (Port): 20294453
Serial No. (Starboard): Unable to read
Auxiliary Machinery:
1. Cummins 6CTA8.3-D(M) 220HP 6cylinder turbocharged diesel
2. Hino WA4C 4cylinder turbocharged diesel
Location: Port and Starboard
Serial No. (Port): 21890709
Serial No. (Starboard): TA13005
Hours (Port): 45,718 Ind. Hrs
Hours (Starboard): 2,303 Ind. Hrs
Refrigeration: Domestic and commercial refrigeration and air conditioners. Including walk-in freezer/chiller to starboard lower deck
Hydraulic System: 2 x Electro/Hydraulic power packs
Shafts: 2 x Stainless steel approx. 75mm diameter
Propeller: 2 x 4 Blade Bronze Alloy
Bow Thruster: No
Stern Thruster: No
Exhaust: Dry, Trunked Upright
Instruments/Alarms: Installed in wheelhouse, Fire/Bilge, Daly Watchguard
Bilge Alarms: Installed in engine room and wheelhouse with float switches installed

3. Electronic & Navigational Equipment

Chart Plotter / Multi Combo Unit: Lorenz control interface with PC and monitor operating C-MAP NT+ electronic charts
GPS: Antenna installed
Radar: Furuno, Model: 1623 with LCD display unit and radome scanner unit
Sounder: Furuno colour sounder - dual frequency
Autopilot: Wagner, Sea Pilot Generation 2
Compass: Saura Keiki, Model: T-150 II F, Magnetically compensated
AIS (Automatic Identification System): Not sighted
EMS (Engine Monitoring System): 2 x Analogue instrument clusters at the helm

4. Radios & Communications

VHF: Icom, Model: IC-M412

Handheld(s): Not sighted

MF/HF/SSB: No longer installed - Antenna still in situ

Satellite/TV: Multi directional Television antenna

Loud hailer/PA/Intercom: Advised installed PA equipment is no longer functional.

Other Comms. Or Equipment: Hisense LCD Television, HP MFC, Model HP ENYY, Model: 4504,

Nasa Marine wind instrument

5. Electrical Installation

Alternators: 2 x 24v DC Off Main Engines

Generators:

1. 177 kVA Weg GTA251 HIHE

Serial No: 1001303201-06-09

Located: In main engine room

2. 50 kVA Generator - Stamford

Located: In main engine room

Batteries: Starting 4 x Bank of 2 12v DC Cells

Emergency Radio: 1 x Bank of 1 12v DC Cell

Other Equipment:

Automatic Battery Charger/s - C-TEK MXT14 12/24V Powertech Plus 12/24V

Inverters / Converters / Solar: Not sighted

6.Pumps

Bilge: 2 x 50mm Mechanical (Jabsco type) off main engines

Condensor: Onga 142-1 electric

Deck/Fire: 1 x Davey Dynaflo 808

Aux Cooling: 1 each 240V Onga & Grundfos

Fuel Transfer: 2 x 240V Clay Tech

Sullage/Macerator: 2 x 415V, 2 x Macerator

Freshwater: 1 x Grundfos 415V

Manual / Portable: 1 x Hand semi-rotary / 1 x Petrol firefighting pump (may require servicing)

7. Tanks

Fuel Tanks: 2 x 7,500 litre Total 15,000 litres

Fresh Water Tanks: 2 x 7,500 litre, Total 15,000 litres

Sullage Tanks: 1 x 1,800 litre, 1 x 6,000 litre

Water Maker: 1 x Dolphin reverse osmosis type

8. Steering Gear

Single station with helm wheel control and hydraulic power assisted single ram

9. Vessel Layout & Accommodation

Sun Deck: Lounge / library forward with all round vision. With seating, tables, bookcase and coffee making facilities. Interior all laminate panelled, polished timber trims, carpet on deck. Door in aft bulkhead. Permanent and vinyl awnings over. Deck sink unit and refrigerator, 3 tables and 11 chairs. Timber table with timber bench seats. Storage bins and outdoor BBQ.

Upper Deck: Centre passageway, U1/U2 cabins with double & single berth, lockers under, Interior all laminate panelled, varnished timber trim. Curtains to windows, carpet on deck. En-suite shower, toilet and hand basin, all laminate panelled. U3/U4 cabins with two single berths with storage under, hanging locker small desk with chair. Interior all laminate panelled with varnished timber trim. Stairway down to main deck on starboard side. U5 cabin with four single berths with storage under, wardrobe, interior all laminate panelled with varnished trim, curtains to windows, carpet on deck. En-suite with shower, toilet and hand basin all laminate panelled.

U6 and U7 cabins (combined) are a large double with similar outfit to U5. Interior all laminate panelled with varnished trim, curtains to windows, carpet on deck. 2 X En-suites with shower, toilet and hand basin all laminate lined. Wet and dive gear stowage. Slat bench seats on port and starboard alleyways.

Wheelhouse: Located forward of upper deck with steps down. Console forward with centreline wheel and helmsman seat. Lockers under console each side. Chart table on port side aft, lockers starboard side aft. Table with upholstered seating on starboard side. Interior all laminate lined with varnished timber trim, sliding doors to bridge wings. Carpet on deck.

Forward Main Deck: Stairways down on port and starboard sides. B1 port cabin with double berth, storage under, small desk, chair, wardrobe. Interior all laminate lined with varnished trim, carpet on deck, curtains. En-suite with shower, toilet and hand basin all laminate lined. The B2 starboard cabin is similar.

Lower Deck Forward: The stairways on each side lead down to the crew accommodation on the lower deck. A bathroom is located at mid level on each side with toilet, shower and basin. There is a forward crew cabin in each hull both with one double and one single berth. The aft crew cabins in each hull both have 3 single berths and 1 hanging berth. All cabins are laminate lined and have varnished trim and carpet on decks. Deckheads have fibre tile panels. Note: Crew cabins in poor state, water ingress issues and toilet/bathroom removed.

Aft Main Deck: Cabins M1, M2, M3 and M4. These are all double berth cabins with wardrobes, desk tops, all laminate panelled, varnished trim, curtains to windows, carpet on deck. En-suite with shower, toilet and hand basins, all laminate panelled. Centre passageway leads to the saloon and lounge area. The galley is located on the side forward, store under. Toilet on starboard side forward outboard. Aft deck with aluminium dive gear racks/seats. Stairs to dive platform. Filling station to port.

Lower Deck Aft: Stairways down from centre passageway on main deck. Cabins L1 and L2 on port side. Cabin L2 with 2 single berths and 1 double, all laminate lined with varnished trim, en-suite with shower, toilet and basin. Cabin L1 with 2 single berths, similar outfit and en-

suite. Cabin L3 on starboard side with 4 single berths, similar outfit and en-suite. Walk-in cool room and freezer on starboard side aft of cabin L3. All accommodation is centrally airconditioned. Reverse cycle air-conditioner in main saloon

Galley:

Stove: 1 x Goldstein 240V oven, 4 burner, grill plate, fryer, rangehood, 1 x bain-marie
Microwave: 1 x Sharp
Dishwasher: 1 x Smartwash 500
Urn, 6 slice toaster, appliances
Refrigeration: Custom built walk-in cool room with FDC unit, 2 door stainless steel, 1 x 3 door display, 2 x Bar fridges
Freezers: Custom built walk-in with FDC unit, 2 x Chest

Other Equipment:

Hot Water System: 2 x 160 Litre
Laundry: With 1 x Washing Machine and 1 x Simpson 4kg Drier

Wheelhouse:

Helm wheel to midships, electronic navigational and communications devices, chart table, L-shaped settee with island table

10. Mooring Equipment

2 x 150kg CQR Anchors, each with 110mtrs x 16mm short link chain.
Windlass: Electric/Hydraulic 1 x Muir electric capstan, 1 x Morse hydraulic gypsy and drum end

11. Fire Fighting Equipment

2 x 68kg CO² Engine room smothering systems
Extinguishers: 6 x 4.5kg Dry Powder (DCP), 1 x 9 litre Foam, 5 x 1.5kg Dry Powder (DCP), 1 x 9kg DCP, 2 x 2.5kg Dry Powder (DCP), 3 x 5kg CO² & 1 x 3.5kg CO²
Fire Pump: Operated by mechanical driven Jabsco pumps off main engines via manifold
Fire Buckets, Fire Blankets, Fire Axe

12. Tender Vessel:

Blue poly dinghy approx 3.0m
Powered by: Mercury 15HP outboard motor
Serial No: ON203478
Note: Hydraulic davit is condemned and not operational due to severe corrosion

13. Safety Equipment

EPIRB: Make/Model: Safety Alert SA3G /406MHz
Serial No: 377937
Battery Expiry: 06/2030 (GPS Equipped)
Life Rafts: 2 X RFD 25 Person
Serial Nos: 5017800300192 & 5017800300121
Next Service Due: 06/08/2020 & 10/09/2020 All RFD's require servicing

2 x Carly Floats
5 x Life Rings/Buoys
Life jackets (PFDs): Fitted with lights or whistles
Pyrotechnics:
3 x Parachute
4 x Red Hand and 2 x Orange Smoke Flares
Code Flags: "N" & "C" Yes
Day Shapes: Yes
V-Sheet: Yes
First Aid Equipment: 4 Kits

14. Dive Equipment

1 x Drager 1K12-14 Skid mounted dive compressor
Serial No: 3553836
max Pressure: 5000 PSIG (350 Bar)
Series of receiver holding tanks (includes piping) total 10 tanks
Dive panel / filler station
Dive tank holding frames
Hydraulic operating rear dive platform

15. Deck Machinery

1 x Hydraulic davit (upper) - Not operational,
condemned and severely corroded.

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