

## H E A R D E R M A R I N E C O N S U L T A N T S P / L

A.B.N. 63 002 293 941



4 HARBOUR LANE  
MIDDLE COVE,  
NSW 2068  
WORK (02) 9417 8208  
FAX (02) 9417 3076

## INSURANCE RISK EVALUATION

Without Prejudice

JOB NO: 20428

CLIENT'S NAME: Brian Johns

TEL: 0407262635 / 0269642585

Fax: 0269645854

EMAIL: johnagiri@hotmail.com

ADDRESS: Box 1550, GRIFFITH NSW 2680

VESSEL TYPE: Sloop

NAME: Aquila D'oro

H I N: AU-WWA174392J71

REG NO: AGX082N

EST AGE/LAUNCHED: 1984

SIGHTED AT: Woolwich Dock

DATE: 1.7.13 *2.4*LENGTH: 54 feet BEAM: 15 feet *4.6m*

DRAFT: 8 feet EST SPEED: 9 KNOTS

DESIGNER: Alan Mummery

BUILDER: West Wanganui

## EXTERIOR COLOUR SCHEME:

Navy blue topsides. White deck/cabin moulding.

## GENERAL DESCRIPTION:

Masthead sloop with a fin keel and blade rudder, raked stem, *overhangings* transom stern with a fold out boarding platform long central cabin house and *with barrel attachment* large aft cockpit.

The accommodation consists of a "V" berth cabin forward with a sink unit and storage starboard. To port is an enclosed shower followed by a twin berth cabin with a sink unit with an enclosed head with sink unit starboard. The main cabin has an "L" shaped settee and large "U" shaped galley area port with a settee and navigation station starboard. Aft port and starboard are quarter berths ~~with stall shower aft to port.~~

The interior is all clear finished teak with seat and bunk cushions fitted throughout and a laid look ply cabin sole all finished to a high standard.

**HULL STRUCTURE:**

<b>CONSTRUCTION MATERIAL:</b>	<b>HULL:</b>	Fabricated aluminium
	<b>DECK:</b>	Fabricated aluminium
	<b>OTHER:</b>	Plywood

**CONSTRUCTION TECHNIQUE:** Round bilge plate aluminium

**KEEL:** Fabricated aluminium

**KEEL BOLTS:** N/A

**BALLAST:** All contained in keel

**DOCKING STRIP:** N/A

**BELTINGS:** N/A

**RIBS OR FRAMES:** 5 mm thick T section with 5 x 40 mm rider bar

**STRINGERS:** *plate on edge*

**FLOORS:** 8 mm plate with rider plate

**BULKHEADS:** Plywood glued in decorative only

**FASTENINGS:** S.S bolts and screws

**DECK/CABINHOUSE STRUCTURE**

<b>HOUSE SIDES:</b>	}
	}
<b>BEAMS:</b>	} All fabricated aluminium
	}
<b>CABIN TOP:</b>	}

**COCKPIT DRAINS:** Through pipes to hull

**DEADLIGHTS AND PORTHOLES:** Fixed deadlights

**THROUGH DECK AND COMPANIONWAY OPENINGS:** Various aluminium framed deck hatches and main companionway

**ENGINES**

<b>NO 1 MAKE:</b>	Mitsubishi / Lees	<b>MODEL:</b>	S4E
<b>SERIAL NO:</b>	16130	<b>Hours:</b>	3751.01 <i>180</i>
<b>TYPE:</b>	4 cylinder	<b>POWER:</b>	Approximately <i>180</i> HP
<b>CONTROLS:</b>	Morse cable type		
<b>INSTRUMENTS:</b>	Alarms and warning lights, hrs, volts, oil, temp, tacho		

**AUXILIARY GENERATOR:** Alternators on motor only  
1 x approx. 60 amps, 1 x 150 amps

**MECHANICAL**

ENGINE BEDS: Fabricated aluminium

ENGINE MOUNTS: Resilient

COUPLING: Solid

STERN GLAND: Seal type

STERN BEARINGS: Appear sound

SKEG: Aluminium

PROPELLER: 4 Bladed bronze geared feathering – Hunderstead VP2SR system

PROPELLER NUT: Not examinable

PROPELLER SHAFT: Appears to run true

STEERING GEAR: Wheel and quadrant type with S/S wire

AUXILIARY STEERING: N/A

RUDDER STOCK: Aluminium

RUDDER STOCK GLAND: Not examinable

RUDDER: Fabricated aluminium

02/07 2013 TUE 21:26 FAX 61 2 93680552 Marinassess

006/009

**MECHANICAL**

ENGINE BEDS: Fabricated aluminium

ENGINE MOUNTS: Resilient

COUPLING: Solid

STERN GLAND: Seal type

STERN BEARINGS: Appear sound

SKEG: Aluminium

PROPELLER: 4 Bladed bronze geared feathering – Hunderstead VP2SR system

PROPELLER NUT: Not examinable

PROPELLER SHAFT: Appears to run true

STEERING GEAR: Wheel and quadrant type with S/S wire

AUXILIARY STEERING: N/A

RUDDER STOCK: Aluminium

RUDDER STOCK GLAND: Not examinable

RUDDER: Fabricated aluminium

**SHOWER AND WASHING FACILITIES:**

Shower in shower cabin

**TOILET SYSTEM:**

Electric pump type - direct overboard pump out and holding tank fitted

**COOKING FACILITIES:**Force 10,3 burner gas stove and oven  
Abode microwave**GAS COMPLIANCE PLATE:**

QLD No 570053

**REFRIGERATION:**Eutectic fridge/freezer  
~~electric deep freeze~~  
1 x Waco Coolmatic fridge/freezer**ANCHOR WINCH:**

Nilsson electric with deck controls

**EQUIPMENT & ACCESSORIES: SAFETY EQUIPMENT****ANCHORS AND WARPS:**

1 x CQR &amp; 1 x Danforth with all chain &amp; spare chain and warp

**FIRE EXTINGUISHERS:**

1 x 3 Kg &amp; 2 x .9Kg - no service tags

**FLARES:**

4 pack expiry 2015

**EPIRB:**

GME MT403G expiry October 2015

**PFD'S:**

8 sighted - not to acceptable standards

**OTHER:**RFD 10 man life raft S/n 12317P0014 n expired 2/6/10  
Danbuoy  
2 x Horseshoe floats**ELECTRONIC AIDS, EQUIPMENT AND ACCESSORIES SIGHTED:**Cockpit  
White Star compass  
Raymarine ST60+ depth  
Sunteck 180w solar panel**Maincabin**Robertson/Simrad AP20 autopilot  
Seiwa Mako plotter  
Raytheon Marine Pathfinder 1200  
Icom IC-M700UK HF radio  
GME GX548 VHF  
Super sound CD/radio  
Plastimo clock & barometer  
SCA portable solar panel  
Tecovision portable TV*Large & Comprehensive Tool kit.  
Various Deck Covers.***Tender**Achilles LEX88 Hin No: JPACH00027H506  
Outboard: Tohatsu 5 HP model M5BS 2005 S/N 012731XE

**MAST, SPARS AND RIGGING****MASTS:**

wlt  
Masthead in mast furling aluminium with double in line spreaders - painted

**BOOMS:**

Aluminium - painted

**MAST STEPPING:**

Deck stepped

**SPIN POLE/JOCKEY POLE:**

Aluminium tube type

**STANDING RIGGING:**

1 x 19 S/S wire

**RUNNING RIGGING:**

All rope - some wear evident

**CHAIN PLATES:**

20 mm thick aluminium frames to GRP hull structure

**DECK GEAR:**

Wilkie winches, blocks and cars &

~~Navtec hydraulic backstay adjuster~~

Harken headsail furler

**SAIL INVENTORY, APPROXIMATE AGE AND CONDITION**

The sails have been inspected briefly in their bags only to ascertain their condition for valuation.

1 x Main carbon dacron- appears in reasonable condition

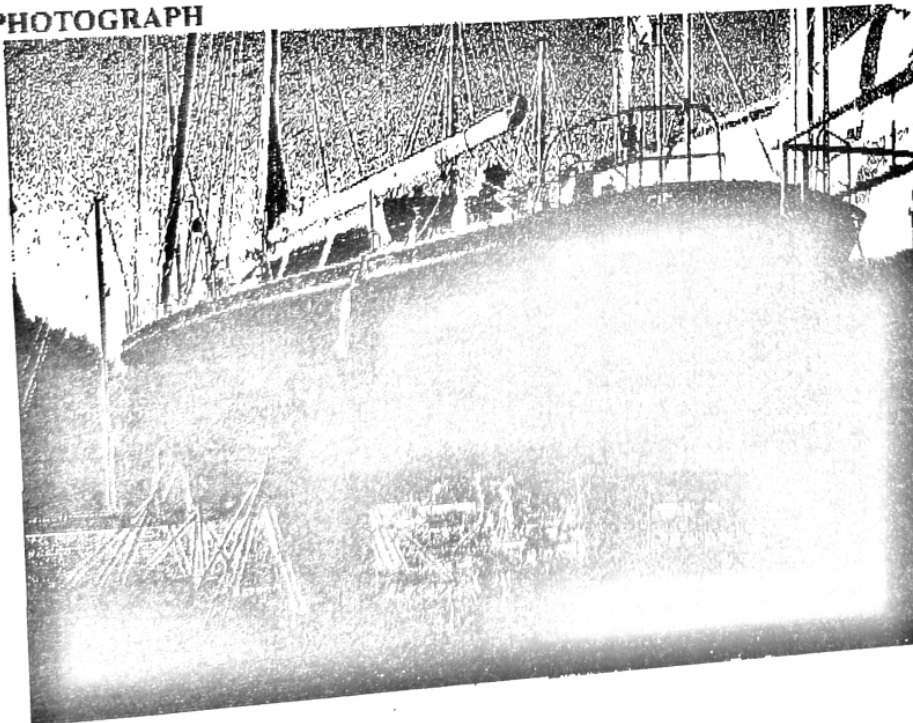
1 x furling headsail

1 x staysail

2 x spinnakers

Trysail

Old spare main

**PHOTOGRAPH**

## OVERALL CONDITION:

For its age this vessel appear to be in very good condition. The navy blue topsides do show some fading and there is some minor marking and scratching but all the varnished timber work and paintwork on the deck is in very good order and internally all the fitout is also in very good order.

For its age the aluminium where it is able to be inspected all appears to be in very good order.

The vessel is very heavily lined internally particularly from the deck down to below the waterline where it has been sprayed with insulating foam and most of this is also covered with plywood and clear plastic panels.

### **Any further comments in regard to vessel or items as listed:**

- a) The starboard navigation light is broken
- b) The compass needs replacement as the lens has gone opaque and the compass cannot be read
- c) The mast and rigging all appear in good condition however we are not aware of the age of the rigging
- d) The vessel is fitted with considerable safety equipment however the fire extinguishers appear to be out of service as well and the life raft, the fire extinguishers should be done on a bi annual basis we highly recommend that prior to another sea passage the life raft be fully serviced and inspected
- e)

This survey report expresses the opinion of Hearder Marine Consultants. All reasonable attempts have been made to detect any defects present, however there may exist hidden or latent defects, or those that cannot be discovered without interfering with the vessel's structure. We have not inspected woodwork or other parts of the structure which are covered, unexposed or inaccessible and we are, therefore, unable to report that any such part of the structure is free from defect.

The machinery, electrical and fuel system have been inspected visually only and no guarantee can be given for their satisfactory operation.



2.7.13

A M HEARDER  
Shipwright & Naval Architect

DATE