

**AVDALL & BOZIER PTY. LTD.**

A.C.N. 001 522 103

121 ALEXANDER STREET,  
CROWS NEST, N.S.W. 2065CERTIFICATED MARINE SURVEYORS  
COMPASS ADJUSTERS

PHONE: 9906 1277

FAX: 9906 1030

E-mail: avboz@ozemail.com.au

CONSULTANTS

CAPT. M.J.L. BOZIER

9427 3193

CAPT. M.H. MURRAY

9451 9074

**Date: 6 August, 1998****INSURANCE RISK  
EVALUATION****REF.: MJB / cons6/98**

Owner: Mr. R. B. Heine

Address: 92 View Street, Annandale NSW 2038

Vessel's name: "Habari" Type: Motor vessel

Surveyed at: Iron Cove afloat

Date: 05 August 1998

Builder: Tremero Sdn. Berhard., West Malaysia

Commissioned: 1973

Reg. No. JN 282N

Aust. Reg. No. 850475 LOA 17.5 m

Dimensions:

Length- 17.57 m	Beam- 4.27 m
51' 10"	14' 0"

**SECTION 1**

<u>Item</u>	<u>Acceptable (Y)</u> <u>Not Acceptable (N)</u>	<u>Hull construction/condition</u> <u>Description/Comments</u>
Keel:	Not seen	Carvel laid timber hull with a long keel, round bilge and a flat tuck stern.
Keelbolts:	Y	In good order where visible in bilge.

Surface- Under Waterline:	Not seen	
Above Waterline:	Y	Moderately thin paint cover in good condition. Seams in good order.
Deck:	Y	Planked timber deck on timber beams, raised forward and with a well at the bow. Caulking in good order.
Cockpit:	N/A	
Deck house:	Y	Timber deckhouse with a GRP sheathed plywood roof. Thick paint cover in fair condition.
Frames:	Y	13 x 8 cm sawn timber at 51 cm centres.
Stringers:	Y	16 x 5 cm timber.
Bulkheads:	Y	Timber planked
Cabin/Interior:	Y	Paint and varnish cover in good condition.
Skin Fittings:	Y	Bronze gate valves.
Cockpit Drains:	N/A	
Propeller/s:	Not seen	Bronze 3 bladed.
Propeller/s Shaft/s:	Y	Stainless steel.
Stern gland:	Y	Bronze compression type - no leaking
Rudder:	Y	Timber rudder on stainless steel stock, mounted on a skeg extension from keel.
Rudder Mounts:	Not seen	
Rudder Stock Gland:	Y	Bronze. No leaking.

Steering Linkages:	Y	Chain and shaft to gearbox at rudder. No slack.
Auxiliary Steering:	Y	Tiller to rudder stock
Chainplates:	N/A	
Stemhead Fittings:	N/A	

## SECTION 2 MOTOR INSTALLATION / CONDITION

Manufacturer: General Motors	Type: 6072A	Fuel: Diesel
Number of Cylinders: 6	H.P.: 166 @ 1800 rpm	Serial No.: 6A-34180
Year of Build: 1968	Cooling System: Freshwater	

Item:	Acceptable (Y) Not Acceptable (N)	Description/Comments
Installation:	Y	Installed to professional standards
Controls:	Y	Remote at control position
Fuel Lines:	Y	Copper, well run and supported
Fittings:	Y	Compression type
Electrical Harness:	Y	Rewired in 1986 to professional standards
Fittings:	Y	Y
Fuel Tanks:	Y	Steel
Venting:	Y	To top of engine space
Gas Bottles:	Y	2 bottles
Venting:	Y	Installed in locker on afterdeck.
Connections and Lines:	Y	Copper pipe with compression fittings.
Gas Detector:		Nil fitted

Batteries:	Y	2 banks each 4 x 6V x $\pm$ 150 amp hrs.
Mounting:	Y	In boxes
Bilge Pump: Manual:	Y	3 x manual
Electrical:	N/A	Nil
Recommendation:	Compliance plate for gas installation to be supplied and fitted. Gas detector to be fitted, with sensor in bilge in engine room, under galley.	

### SECTION 3        MASTS, SPARS, RIGGING AND SAILS

Mast/Boom Materials:        Timber

Standing Rigging Material: Galvanised steel wire

Item	Acceptable (Y) Not Acceptable (N)	Description/Comments
Mast/s:	Y	Timber with galvanised steel wire stays
Mast Step:	Y	Stepped at after end of well deck
Boom/s:	Y	Timber - used to lift dinghy / stores.

### SECTION 4        SAFETY EQUIPMENT:

Item	Acceptable (Y) Not Acceptable (N)	Description/Comments
Flares:	Y	RFD Polar - expire 2001
Fire Extinguishers:	Y	4 x 2.3 kg BCF 2 x 2.3 kg DC. 1 x 4.5 kg DC
Life jackets:	Y	10 Coastal type

Lifebuoys:	Y	2 ring type
Liferaft:	Y	RFD Seasava Plus. Service due 7/99
Pulpit/s:	N/A	Timber coaming each side of well deck.
Pushpit/s:	N/A	Timber coaming all round after deck.
Stanchion/s:	Y	Timber rail and stanchions each side of foredeck.
Anchor/s:	Y	1 x CQR with a short chain and warp 1 x Danforth with a short chain and warp 1 x Reef
Other:		1 x EPIRB Pains Wessex - new battery being fitted. 1 x EPIRB RFD, in liferaft.

#### SECTION 5 MAIN EQUIPMENT AND ACCESSORIES SIGHTED:

<u>Item:</u>	<u>Make:</u>	<u>Type:</u>	<u>Serial No:</u>
Echo Sounder	Furono	FE502MKII	2401
Auto pilot	Sharp & Co	Sea Pilot	---
Radar	Furono	2000	8780985
Auxiliary	Lister/Newton	4KVA	020152/96
Dinghy (FS739N)	Trim craft 3 m. Aluminium		Nil

**GENERAL REMARKS:**

The vessel was built to very heavy scantlings. It has been well fitted out for day use or cruising and is well maintained.

SYDNEY NSW



AVDALL & BOZIER PTY LTD

*[Handwritten signature]*