

TASMANIA



POLICE

FILE NUMBER

District	Division	Station	Date
OS	Marine & Rescue	Hobart	22 January 1999

Detective Sen. Const. Stewart GRAY
 Bega Police Station
Bega, N.S.W.

RE: SYDNEY TO HOBART YACHT RACE ENQUIRIES

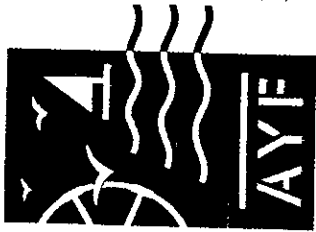
Please find enclosed two audio cassettes of an interview on 21st January 1999 with Zane BOUCHER, a Hobart life raft surveyor. I have also enclosed for your information copies of relevant Australian Yachting Federation Racing Rules and a local 'Mercury' newspaper article transcript which we make reference to during the interview.

My mailing address for any future correspondence is :-

Constable Rod Stacey
 Tasmania Police
 Marine and Rescue Division
 G.P.O. Box 308C
 Hobart., Tasmania. 7001.

Forwarded for your perusal as required.

(R.J. Stacey)
CONSTABLE No. 1686



AUSTRALIAN YACHTING
FEDERATION

RACING RULES OF SAILING

FOR 1997 - 2000



I S A F

NORTEL
NORTHERN TELECOM

ADDENDUM A.1

(d) **Liferaft Canopy.** Liferafts shall have a canopy.

(e) **Insulated Floor.** An insulated floor is optional

4.20 **GRAB BAG**
The ORC recommends a grab bag.
(See Appendix II, 4.0). R R

4.21 **LIFEBUOYS**
(a) Lifebuoy with a drogue OR lifesling, oscar, Seattle sling or man overboard module (without a drogue) equipped with a self-igniting light within reach of the helmsman and ready for instant use. (See Appendix V). 1 2 3 4 R R

(b) In addition to (a) above one lifebuoy within reach of the helmsman and ready for instant use, equipped with a whistle, drogue, a self-igniting light, and a pole and flag. The pole shall be either permanently extended or be capable of being fully automatically extended in less than 20 seconds. It shall be attached to the lifebuoy with 3m (10ft) of floating line and is to be of a length and so ballasted that the flag will fly at least 1.8m (6ft) off the water. 1 2

(c) In equipment made on or after 7/97 when two lifebuoys are carried in accordance with (a) and (b) above, at least one of them shall either be a lifesling, oscar, Seattle sling or man overboard module or have permanent (eg - foam) buoyancy. 1 2

(d) Every inflatable lifebuoy shall be tested at intervals in accordance with its manufacturer's instructions.

ADDENDUM A.1

EPIRBs shall be

- i) Satellite compatible
- ii) Serviced in accordance with the manufacturers instructions
- iii) Stored in a dry location near the companionway

4.19 **LIFERAFTS**
LIFERAFT(S) in accordance with Appendix II, capable of carrying the entire crew, as follows: 1 2

(a) Stowage shall be either:

- i) on the working deck; or
- ii) in compartment(s) opening immediately to the working deck containing liferaft(s) only provided that:-
each compartment is watertight or self-draining (self-draining compartments will be counted as part of the cockpit volume except when entirely above working deck level); and
the cover of each compartment is capable of being easily opened under water pressure; or
- iii) packed in valise(s) each not exceeding 40kg securely stowed below deck adjacent to the companionway.

(b) **Recovery Time.** Each raft shall be capable of being got to the lifelines within 15 seconds.

(c) **Certificate.** Each raft shall have a valid annual certificate from the manufacturer or an approved servicing agent certifying that it has been inspected, that it complies with the above requirements and stating the official capacity of the raft which shall not be exceeded. The certificate, or a copy shall be carried on the boat.

4.26

1 2 3 4 5 6

DISTRESS SHEET
A standard orange sheet 1.8m x 1.2m with a black "Y" or black square above a black circle, with lanyards attached shall be carried.

SECTION 5 - PERSONAL EQUIPMENT

5.1 PERSONAL FLOTATION DEVICES

- PFD1, 2 or 3

(a) PFD1, one for each crew member. Each 1 2 3 4 5 6 7

PFD1 shall have a whistle. A light and a crotch strap should be fitted on each PFD1. Inflatable PFD1's should be checked annually for air retention.

AYF specifies that PFD1's shall comply with AS1512(1988) or an equivalent or more stringent overseas standard and shall be branded with their mark of approval.

Combined PFD1's and Safety Harnesses may be used so long as they meet the respective standards for both.

(b) PFD2 or PFD3, one for each member of the 5 6 7

crew may be carried as an alternative to PFD1's. PFD2's and PFD3's shall comply with AS1499(1992) or AS2260.

The Race Organiser may use Code Flag "Y" 5 6 7

as provided in the ISAF Racing Rules, to require them to be worn.

5.2 SAFETY HARNESSSES

(a) Safety harness, one for each crew member. 1 2 3 4 N

Each boat may be required to demonstrate that two thirds of the crew can be adequately attached to strong points on the boat. Harnesses shall have a snaphook at the harness end of every safety line. Crew members are reminded that a personal knife may free them from a safety line in emergency.

The ORC recommends that a crotch strap should be fitted on each safety harness.

(b) Safety harnesses shall comply with 1 2 3 4 N
AS2227(1992) and shall be branded with the SAA's mark of approval or an equivalent overseas standard and branded with their mark of approval.

5.3 WEIGHT JACKETS

Weight jackets are not permitted 1 2 3 4 5 6 7

5.4 PERSONAL LIGHTS

A High Intensity Strobe Light OR Personal R R R R
Pyrotechnic Signal (pack of mini flares) should be carried by each member of the crew when on deck at night.

5.5 to 5.8 Apply only to Category 0

APPENDIX I

ORC MINIMUM STANDARD SPECIFICATIONS FOR DECK SAFETY HARNESS FOR YACHTSMEN

The ORC Appendix is omitted as Safety Harnesses must meet the Australian Standard or equivalent.

APPENDIX II

AYF & ORC MINIMUM SPECIFICATIONS FOR YACHTSMEN'S LIFERAFTS

1.0 GENERAL DESIGN:

Liferaft(s) capable of carrying the entire crew shall meet the following requirements:
Stowage see Special Regulations 4.19.

a) Must be designed and used solely for saving life at sea

b) The liferaft shall be so constructed that, when fully inflated and floating with the cover uppermost, it shall be stable in a seaway.

- i) by means of one or more compartments which the occupants can inflate if they so desire, or which inflate automatically and can be deflated and re-inflated by the occupants; or
- ii) by other equally efficient means not dependent on inflation.

2.0 EQUIPMENT

Each raft shall have at least the following equipment, properly stowed and secured so as to be available undamaged after launching and inflating.

- a) One sea anchor or drogue (attachment line should not be less than 1.5m) attached so that the entry point to the raft is leeward.
- b) One knife.
- c) One bellows or hand pump for hand inflation.
- d) One torch (signalling).
- e) One heliograph.
- f) One baler.
- g) One sponge per person.
- h) One repair kit.
- i) One rescue quoit and line.
- j) Four red hand-flares and two smoke signals or combination of both.
- k) Two red parachute flares.
- l) One signalling whistle.
- m) Sufficient drinking water, giving 0.5 litres per person.
- n) One tin of emergency rations per person.

- d) The construction of the liferafts shall include a permanently attached canopy with provision for supporting it to cover the occupants. This cover shall be capable of protecting the occupants against injury from exposure, and means shall be provided for collecting rain. The cover of the liferaft shall be of a highly visible colour.
- e) The liferaft shall be fitted with a painter and shall have a lifeline becketed round the outside. A lifeline shall also be fitted round the inside of the liferaft.
- f) The liferaft shall be capable of being readily righted by one person if it inflates in an inverted position.
- g) The liferaft shall be fitted at each opening with efficient means to enable persons in the water to climb on board.
- h) The liferaft shall be contained in a valise or other container so constructed as to be capable of withstanding hard wear under conditions met with at sea. The liferaft in its valise or other container shall be inherently buoyant.
- i) The buoyancy of the liferaft shall be so arranged as to achieve a division into an even number of separate compartments, half of which shall be capable of supporting out of the water the number of persons which the liferaft is fit to accommodate, without reducing the total supporting area.
- j) The number of persons which, an inflatable liferaft shall be permitted to accommodate shall be equal to:
 - i) the greatest whole number obtained by dividing by 96 the volume, measured in litres of the main buoyancy tubes (which for this purpose shall include neither the arches nor the thwart or thwarts if fitted) when inflated; or
 - ii) the greatest whole number obtained by dividing by 3720 the area measured in square centimetres of the floor (which for this purpose may include the thwart or thwarts if fitted) of the liferaft when inflated whichever number shall be the less.
- k) The floor of the liferaft shall be waterproof and which when specified by the National Authority or Notice of Race shall be capable of being sufficiently insulated against the cold, either

- o) Two tubes of sunburn cream.
- p) Five plastic bags, not less than 450mm x 300mm per person.
- q) An operational instruction card on the liferaft and its contents, waterproofed or stencilled on the inside of the canopy.
- r) A USL Coastal Pack First Aid Kit.
- s) A water maker is recommended for long Category 1 Races.

Alternatively liferafts packed to USL Coastal pack may be used in Category 2 Races.

3.0 MARKING OF LIFERAFTS

Each liferaft shall be clearly marked with an identification code. Marine grade retro-reflective material shall be appropriately fitted to every raft.

4.0 GRAB BAGS

The ORC recommends that a "grab bag" be accessible. The contents should be appropriately packed and waterproofed (packing should be openable by wet fingers without tools).

NOTE: Equipment in the grab bag may be included in that required under these Special Regulations.

**APPENDIX III
AYF SUGGESTED INSPECTION CARD**

No: _____

BOAT NAME: _____ SAIL No: _____

OWNER'S NAME: _____ CATEGORY: _____

ADDRESS: _____ No of CREW: _____

TEL. B _____ H _____ PEN: _____

MOBILE: _____ FAX: _____ CALL SIGN: _____

OWNERS: Please prepare your boat before the Inspector arrives by checking and setting out all loose items. Have somebody available who is thoroughly familiar with the boat and its gear. This will save everyone's time.