

BOTANY BAY YACHT CLUB Ltd (BBYC)
YACHTING EQUIPMENT AUDIT FORM 2021-24



CATEGORY 4	MONOHULLS	Short Offshore races, close to shore in relatively warm or protected waters, normally held in daylight
DATE OF AUDIT ____/____/____	SAIL NO:	BOAT NAME:

Audit form valid until **31 / 08 / _____** (annual audit period Sept 1 to Aug 31). Expiry dates to be updated as required at bottom of current page to maintain compliance. Subject to spot checks Special Regulation (SR) 2.02.2.

OWNER DETAILS

OWNER(S) NAME(S):	
OWNER(S) CLUB(S):	

BOAT DETAILS

LH:		BOAT REGISTRATION NO:
DISPL (tonnes):		VARIABLE (WATER) BALLAST: YES NO
HULL COLOUR:		FIXED KEEL or LIFTING KEEL or CANTING KEEL (circle)
DECK COLOUR:		DISTINGUISHING MARKS:
MAX CREW:		

RADIO & EPIRB REGISTRATION

SR 4.18.1 EPIRB(s) if required by NoR	Registered YES NO	Number of units for boat:	Number to be hired:
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DECLARATION BY PERSON IN CHARGE

I have read and understand my obligations as set out in the current AS Special Regulations (<https://www.sailingresources.org.au/safety/specialregs/>), in particular SRs 1.02.1, 1.02.2, 1.02.3 (Responsibility of the person in charge), and SR 2.03.1 (Function of equipment). I understand that this audit is carried out only as a guide to persons in charge and race organising authorities. I understand that an auditor does not limit or reduce the complete and unlimited responsibility of the person in charge as defined in SRs 1.02.1, 1.02.2, 1.02.3 and 2.03.1. I undertake that I will maintain in good working order all of the boat's equipment as specified in the current AS Special Regulations, and ensure it will be on board for each race.

Signed by Person in Charge:

Date:

OUTSTANDING ITEMS - The Equipment listed over the page was complete except for the following items

Outstanding Item	Re-Inspected by	AS Auditor No.	Date

EQUIPMENT AUDITOR DECLARATION

I have checked the abovementioned boat in accordance with SR 2.02.1, as summarised in the following list, and the items listed were compliant as per the AS Special Regulations at the time and date of this audit. (Form not to be signed until outstanding items detailed above have been rectified).

Audited by: (print name)	Signed by:
AS Number:	Date:

EARLIEST EXPIRY DATES – indicate 'hire' or not applicable 'n/a' if relevant

ITEM	EARLIEST EXPIRY	UPDATED EARLIEST EXPIRY	AUDITOR	ITEM	EARLIEST EXPIRY	UPDATED EARLIEST EXPIRY	AUDITOR
Fire ext (12 mth.)				Flares red hand			
EPIRB(s) – if NoR				Flares white hand			
Inflatable lifebuoy(s)				Flares orange hand			
				Lifejackets			

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Reg	Structural/Fixed Deck Items	P	A
2.03.1	Equipment functions & adequate for intended use		
2.03.2	Ballast & heavy equipment secured		
3.01 - 3.05	Section 3 Part 1 – Structural Features, Stability. Any Organising Authority requirements		
3.06.1	(b) Yachts ≥5.5m LOA with enclosed cabin & carrying fuel or gas below decks: 2 exits, 1 forward of mast		
3.07.1	No hatches forward of maximum beam open inwards except if size < 0.071 m ²		
3.07.2	(a)(i) Hatches above water when heeled 90°		
	(a)(iii) Non-conforming hatches; size < 0.071 m ²		
	(a)(iii) Non-conforming hatches kept shut while racing		
	(b) Hatches capable of being immediately shut; permanently attached lid		
3.07.3	Non-conforming hatches labelled 'Not to be opened at sea'		
3.07.4	Blocking device for low sill companionway		
	(a) Companionway hatch securing arrangement		
	(i) Operable from above and below		
	(b) Blocking devices to be (i) Capable of being retained, hatch open or shut		
3.07.4	(ii) Secured to boat (e.g. by lanyard)		
	(iii) Permit exit in event of inversion		
	3.08.1	Cockpit strong, self-draining, & watertight (3.08.2)	
3.08.3	Bilge pump outlet not connected to cockpit drain		
3.08.7	Number of cockpit drains required: <8.5 m: 2 x 25 mm		
	Age/Series Date pre 07/77 & >8.5 m: 2 x 25 mm		
	Age/ Series Date post 07/77 & >8.5 m: 4 x 20 mm		
3.12.2	Lifelines taut (50 N force applied; ≤50 mm deflection)		
3.12.3	Bow pulpits shall be either:		
	(a)(i) Closed and forward of forestay; OR		
	(a)(ii) Open with the forward gap ≤360 mm; OR		
	(a)(iii) Open with the gap to any boat part <360 mm		
	(b) & (d) Bow and stern pulpit top rails and aft lifelines same height as upper side lifelines		
	(c) Lifelines, stanchions, pulpits effectively continuous deck barrier		
	(c) Lifelines supported at intervals <2.20 m		
	(f) Pulpits & stanchions permanently installed		
	(g) Pulpit & stanchion bases inboard <5% of max beam or 150 mm		
	(h) Stanchion bases not outboard		
	(j) Lifelines attached to stanchion inside & overlapping pulpit with gap ≤150 mm permitted		
(k) Stanchions straight, vertical; first 50 mm ≤10 mm displ. and angle ≤10 deg. from 50 mm above deck.			
3.12.5	Lifeline height, spacing, number comply with table Double lifelines minimum, upper ≥ 600 mm (450 mm if LH < 8.5 m), intermediate openings ≤ 380 mm, intermediate lifeline ≥ 230 mm above working deck		
3.12.6	(a) Lifelines uncoated stainless steel wire		
	(b) Loose sleeve permitted		
	(d) Gap secured by lanyard ≤100 mm; Lanyard replaced annually		
	Lifeline system ≥ strength of required wire size Lifeline size min: LH<8.5m: 3mm; LH 8.5–13m: 4mm; LH>13m: 5mm		
3.14.1	Toe rail min height 25 mm (age date from 01/81); Toe rail min height 20 mm (age date before 01/81)		
3.20.4	1 x manual bilge pump		
3.20.6	Bilge pump not to discharge into closed cockpit		
	Bilge pump not connected to cockpit drains		
3.20.7	a) Bilge pump minimum suction bore 25 mm		
	b) Bilge pump & strum boxes accessible		
3.21.1	Marine magnetic compass permanently installed, nonelectric		
3.23.1	Navigation lights carried complying with IRPCAS		
3.24.4	If using outboard motor, provision for mounting		
	Outboard motor mounted at all times		
3.24.9	(d) Outboard tanks secured on deck or ventilated compartment; manufacturer supplied or recognised national standard		
3.28.1	Hull Identification, min 50 mm; name & state rego; OR name, sail number & club		
4.01.1	Sail numbers as per RRS 77 and Appendix G		
4.03.2	(a) Clipping points through bolted or welded deck plates or other suitable strong points		
	(b) Positioned to clip/unclip from below & move between cockpit and deck		
	(c) Clipping points for 2/3 crew		

Reg	Structural/Fixed Items Below	P	A
3.09.1	(a) Seacocks permanently installed		
	(b) Plugs for each opening attached or stowed nearby		
3.11	Keel stepped mast; heel securely fastened		
3.15.2	Toilet or securely fastened bucket		
	Cooking stove/heating appliance securely fastened, safe, accessible shutoff		
3.17	Gas or methylated spirits only fuels		
	"REMEMBER Turn Off Gas At Bottle" sign		
	Gas detection for permanent pilot light		
	Disposable gas canisters ≤ 225 grams		
	Gas bottle, spare canisters in separate compartment ventilated overboard		
3.19.1	Handholds below decks		
3.24.3	Inboard engine to SR 3.24.1, OR outboard engine with tanks, fuel supply; all securely fastened		
3.24.6	Separate starter battery if electric start		
3.24.7	Separate generators, if carried, securely covered and permanently installed		
3.24.8	Fuel tank shut off valve/cock if fuel can escape or siphon		
3.24.9	(a) Petrol tanks – see regulation		
	(b) Diesel tanks metal or other certified material		
	(c) Fuel lines comply		
	(e) Petrol not below decks in portable containers		
	(f) Flexible fuel tank not permitted.		
3.25.1	(b)(i) Permanently installed VHF transceiver (new installations DSC capable)		
3.25.7	At least two means of receiving weather bulletins		
Reg	Portable Equipment	P	A
3.18.4	Emergency water 1 litre per crew		
3.20.9	2 x 8 litre buckets, stout construction with lanyard		
3.23.4	Reserve navigation lights, independent of main power		
3.25.5	(b) Emergency VHF antenna where regular antenna relies on mast		
4.04.1	2 x fire extinguishers 1A:10BE dry powder min or equiv.		
4.04.4	Fire blanket (for cooking device with open flame)		
	(a) Anchors & ground tackle as per Table 1		
	(b) Anchor & warp sizes Table 2 or Table 3		
	Anchor 1 Type.....kg/size..... Anchor 2 Type.....kg/size.....		
(c) Primary anchor assembled, attached to tackle			
4.06.2	1x flashlight floating type; spare batteries & bulbs if replaceable		
4.07.2	First Aid manual		
4.07.4	First aid kit, waterproof container; contents listed; alternative brands permitted		
4.07.9	First aid contents as per list at end of this form		
4.10.1	Charts (not solely electronic), plotting equipment		
4.10.2	Collision Regulations; electronic or hard copy		
4.10.3	Current AS "Racing Rules of Sailing" and "Special Regulations Part 1"; electronic or hard copy		
4.11.1	GPS, may be handheld, water resistant with spare batteries		
4.14.1	Emergency tiller if not tiller steered		
4.14.2	Alternative steering method for rudder loss		
4.15.1	Tools, spare parts, effective way to cut rigging		
4.15.2	Bosun's chair or climbing harness		
4.15.3	Sharp knife sheather, restrained, in or near cockpit		
4.16.1	Name on all buoyant equipment items		
4.16.2	Personal lifejacket marked to identify owner		
4.17	Retroreflective tape on lifebuoys, lifelines, liferafts		
4.18.1	(b) 406MHz EPIRB; GPS capable for races more than 2 miles offshore		
	(c) Regularly tested		
4.18.3	(d) Registered with relevant authority		
	Crew trained in use		
4.21.1	(a) Lifebuoy OR Lifesling, each with self-igniting light; in reach		
4.21.4	Lifebuoys, lifelines fitted with retroreflective material		
4.21.5	Lifebuoys, lifelines safety colour		

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DATE OF AUDIT ____/____/____	SAIL NO:	BOAT NAME:

Reg	Portable Equipment	P	A
4.22.1	Waterproof container for flares		
	2x red hand flares		
	2x white hand flares		
	2x orange smoke flares		
4.23.1	Heaving line minimum 15m		
4.24.1	(c) Heavy weather jib; area compliant		
4.24.2	(b) Sheeting positions for heavy-weather sail		
4.24.3	(a) Aromatic polyamides, carbon fibre & similar not used for storm jib, trysail		
4.26	Retrieval method of crew from water		
4.27	V Distress sheet or International signal (square/circle)		
4.28.1	Stowage chart, displayed		
5.01.1	(a) Lifejacket ≥ 150N (not "Mae West"), in service; Number (1/crew) (See regulation for compliance standards)		
	(d) Each lifejacket retro tape, whistle		
5.02.1	Safety harness, line with snap hook each end (≤2 m); 1 per crew; Number (See regulation for compliance standards)		

4.07.9 First Aid Kit Contents List – within expiry					
NON-PRESCRIPTION	P	A	NON-PRESCRIPTION	P	A
Paracetamol 500 mg (e.g. Panadol) or Ibuprofen 200 mg (e.g. Nurofen) x 20			Band-aids or equivalent roll bandaid x20		
Soluble Aspirin (e.g. Disprin) x 20			Antiseptic skin solution 15 ml (e.g. Betadine) x 1		
			Antiseptic cream e.g. Medicrox x 1		
Butterfly or Steristrips (strips of 5) x5			Normal saline 250 ml x 1		
Disposable gloves x 20			Sunscreen 30+ 250 ml x 1		
Crepe bandages 75 mm x 1.5 m x 2			Seasickness tablets (e.g. Avomine, Travacalm) x 10		
Triangular bandage x 1			Scissors, stainless steel x 1		
Low absorbency nonadherent dressing/plain gauze (e.g. Melolin) x 10			CPR mask or 6 face shields		

END OF LIST